

8: REFERENCES

- Andrews, G.W. (1972) - Some Fallacies of Quantitative Diatom Paleontology.  
Nova Hedwigia, Beih. 39: 285-294.
- Alexejenko, N. (1931) - Über einen Diatomeenaufwuchs auf Steinen der Küste des Schwarzen Meeres unweit Sebastopol.  
Dokl. Akad. Nauk SSSR Ser.A 1931: 8-12.
- Allen, R.M. (1940) - The Microscope.  
Chapman & Hall: London. i-viii + 286 pp.
- Anonymous (1975) - Proposals for a Standardization of Diatom Terminology and Diagnoses.  
Nova Hedwigia, Beih. 53: 323-354.
- Archibald, R.E.M. (1966) - Some new and rare diatoms from South Africa.  
Nova Hedwigia, Beih. 21: 253-269.
- Archibald, R.E.M. (1971) - Diatoms from the Vaal Dam Catchment Area, Transvaal, South Africa.  
Botanica Marina 14: 17-70.
- Archibald, R.E.M. (1972a) - A Preliminary Key to the Fresh and Brackish water species of the genus Nitzschia in South Africa - I.  
News Lett. Limnol. Soc. South Afr. 18: 33-46.
- Archibald, R.E.M. (1972b) - A Preliminary Key ... - II.  
News Lett. Limnol. Soc. South Afr. 19: 37-55.
- Benecke, W. (1900) - Ueber farblose Diatomeen der Kieler Führde.  
Jb. wiss. Bot. 35: 535-572.
- Biswas, S. (1964) - A New Variety of Nitzschia sinuata (W.Sm.) Grun. from North Wales, Great Britain.  
Hydrobiologia 23: 511-514.
- Black, J.T. (1974) - The Scanning Electron Microscope: operating principles.  
In M.A.Hayat (ed.) 'Principles and Techniques of Scanning Electron Microscopy - Biological Applications 1.' pp.1-43.  
Van Nostrand: New York and London.
- Borowitzka, M.A., Chiappino, M.L. & Volcani, B.E. (1977) - Ultrastructure of a chain-forming diatom Phaeodactylum tricornutum.  
J. Phycol. 13: 162-170.
- Boyer, C.S. (1927) - Synopsis of the North American Diatomaceae, part 2.  
Proc. Acad. nat. Sci. Philad. 79 Suppl.: 229-583.
- Brun, J. (1894) - Espèces nouvelles.  
Le Diatomiste 2: 72-78.
- Brun, J. (1895) - Diatomées lacustres, marines ou fossiles, espèces nouvelles ou insuffisamment connues.  
Le Diatomiste 2: pl.14-17 (no text).

Brun, J. & Tempère, J. (1889) - Diatomées fossiles du Japon. Espèces marines & nouvelles des calcaires argileux de Sendai & de Yedo.  
Mém. Soc. Phys. Hist. nat. Geneve 30: 1-75.

Buzer, J.S. (1975) - A study of sediments from Lough Ine and Ballyally Lough, County Cork, S.W.Ireland.  
 Ph.D. Thesis, University of Bristol.

Canter, H.M. (1947) - Studies on British Chytrids - II. Some new monocentric chytrids.  
Trans. Brit. Myc. Soc. 31: 94-105.

Carter, J.R. (1966) - Some Freshwater Diatoms of Tristan da Cunha and Gough Island.  
Nova Hedwigia 11: 443-483.

Castracane, Conte Abate F. d.A. (1886) - Report on the Diatomaceae. In J.H.Murray (ed.) 'Reports on the Scientific Results of the Voyage of H.M.S. Challenger during the years 1873-6.' Botany II, pp.1-178.

Chiappino, M.L. & Volcani, B.E. (1977) - Studies on the Biochemistry and Fine Structure of Silica Shell Formation in Diatoms VII. Sequential Cell Wall Development in the Pennate Navicula pellucida.  
Protoplasma 93: 205-221.

Chiappino, M.L., Azam, F. & Volcani, B.E. (1977) - Effect of Germanic Acid on Developing Cell Walls of Diatoms.  
Protoplasma 93: 191-204.

Cholnoky, B. (1926) - A Bacillariák Chromatophoráiról.  
Bot. Közlem. 23: 107-118.

Cholnoky, B.J. (1955) - Hydrobiologische Untersuchungen in Transvaal I. Vergleichung der herbstlichen Algengemeinschaften in Rayton-vlei und Leeufontein.  
Hydrobiologia 7: 137-209.

Cholnoky, B.J. (1956) - Neue und seltene Diatomeen aus Afrika II. Diatomeen aus dem Tugela-Gebiete in Natal.  
Österr. bot. Z. 103: 53-97.

Cholnoky, B.J. (1957a) - Neue und seltene Diatomeen aus Afrika III. Diatomeen aus dem Tugela-Flusssystem, hauptsächlich aus den Drakensbergen in Natal.  
Österr. bot. Z. 104: 25-99.

Cholnoky, B.J. (1957b) - Beiträge zur Kenntnis der südafrikanischen Diatomeenflora.  
Port. Acta biol. (B) 6: 53-93.

Cholnoky, B.J. (1958) - Beiträge zur Kenntnis der südafrikanischen Diatomeenflora II. Einige Gewässer im Waterberg-Gebiet, Transvaal.  
Port. Acta biol. (B) 6: 99-160.

Cholnoky, B.J. (1959) - Neue und seltene Diatomeen aus Afrika IV. Diatomeen aus der Kaap-Provinz.  
Österr. bot. Z. 106: 1-69.

Cholnoky, B.J. (1960a) - Beiträge zur Kenntnis der Diatomeenflora von Natal.  
Nova Hedwigia 2: 1-128.

Cholnoky, B.J. (1960b) - Beiträge zur Kenntnis der Ökologie der Diatomeen in dem Swartkops-Bache nahe Port Elizabeth (Südost-Kaapland).  
Hydrobiologia 16: 229-287.

Cholnoky, B.J. (1961) - Ein Beitrag zur Kenntnis der Diatomeenflora der venetianischen Lagunen.  
Hydrobiologia 17: 287-325.

Cholnoky, B.J. (1962) - Beiträge zur Kenntnis der Ökologie der Diatomeen in Ost-Transvaal.  
Hydrobiologia 19: 57-119.

Cholnoky, B.J. (1963a) - Beiträge zur Kenntnis des marinen Litorals von Südafrika.  
Botanica Marina 5: 38-83.

Cholnoky, B.J. (1963b) - Ein Beitrag zur Kenntnis der Diatomeenflora von Holländisch-Neuguinea.  
Nova Hedwigia 5: 157-198.

Cholnoky, B.J. (1968a) - Die Diatomeenassoziationen der Santa-Lucia-Lagune in Natal (Südafrika).  
Botanica Marina 11 Supplement: 1-121.

Cholnoky, B.J. (1968b) - Diatomeen aus drei Staauseen in Venezuela.  
Revta Biol. Lisb. 6: 235-271.

Cholnoky, B.J. (1970) - Hydrobiologische Untersuchungen in Transvaal III. Die Fischteiche von Marble Hall.  
Botanica Marina 13: 5-44.

Cleve, P.T. (1873) - On diatoms from the Arctic Sea.  
Bih. K. svenska VetenskAkad. Handl. 1 (13): 1-28.

Cleve, P.T. (1878) - Diatoms from the West Indian Archipelago.  
Bih. K. svenska VetenskAkad. Handl. 5 (8): 1-22.

Cleve, P.T. (1881) - On some new and little known Diatoms.  
K. svenska VetenskAkad. Handl. 18 (5): 1-28.

Cleve, P.T. (1883) - Diatoms collected during the expedition of the Vega.  
Vega-Exped. Iakttagelser 3: 455-517.

Cleve, P.T. (1894-5) - Synopsis of the Naviculoid Diatoms, parts 1 & 2.  
K. svenska VetenskAkad. Handl. 26: 1-194.  
27: 1-219.  
 reprinted by A.Asher & Co.: Amsterdam. 1965.

Cleve, P.T. (1896) - Diatoms from Baffins Bay and Davies Strait collected by M.E.Nilsson.  
Bih. K. svenska VetenskAkad. Handl. 22 III(5): 1-22.

Cleve, P.T. & Grunow, A. (1880) - Beiträge zur Kenntnis der arctischen Diatomeen.  
K. svenska VetenskAkad. Handl. 17 (2): 1-121.

- Cleve-Euler, A. (1932) - Die Kieselalgen des Tåkernsees in Schweden.  
K. svenska VetenskAkad. Handl. Ser.3, 11 (2): 1-254.
- Cleve-Euler, A. (1952) - Die Diatomeen von Schweden und Finnland V.  
K. svenska VetenskAkad. Handl. Ser.4, 3 (3): 1-153.
- Cox, E.J. (1975a) - A reappraisal of the diatom genus Amphipleura Kütz.,  
 using light and electron microscopy.  
Br. phycol. J. 10: 1-12.
- Cox, E.J. (1975b) - Further studies on the genus Berkeleya Grev.  
Br. phycol. J. 10: 205-217.
- Cox, E.J. (1975c) - Studies on the Biology of Tube-dwelling pennate  
 diatoms.  
 Ph.D. Thesis, University of Bristol.
- Cox, E.J. (1976) - Variation in valve structure between species of the  
 diatom genus Cymbella C.A.Ag.  
Nova Hedwigia 28: 427-449.
- Cox, E.J. (1977) - Raphe Structure in Naviculoid Diatoms as Revealed by  
 the Scanning Electron Microscope.  
Nova Hedwigia, Beih. 54: 261-274.
- Crawford, R.M. (1973) - The protoplasmic ultrastructure of the veget-  
 ative cell of Melosira varians C.A.Agardh.  
J. Phycol. 9: 50-61.
- Cupp, E.E. (1943) - Marine plankton diatoms of the West Coast of North  
 America.  
Bull. Scripps Instn. Oceanogr. 5: 1-238.
- Damblon, F. (1975) - Sputtering, a New Method for Coating Pollen Grains  
 in Scanning Electron Microscopy.  
Grana 15: 137-144.
- Davis, P.H. & Heywood, V.H. (1963) - Principles of Angiosperm taxonomy.  
 Oliver & Boyd: Edinburgh & London. i-xx + 556 pp.
- Dawson, P.A. (1972) - Observations on Gomphonema parvulum Kütz.  
 Ph.D. Thesis, University of Bristol.
- Dawson, P.A. (1973a) - The morphology of the siliceous components of  
Didymosphenia geminata (Lyngb.) M.Schm.  
Br. phycol. J. 8: 65-78.
- Dawson, P.A. (1973b) - Further observations on the genus Didymosphenia  
 M.Schmidt - D. sibirica (Grun.) M.Schm.  
Br. phycol. J. 8: 197-201.
- Dawson, P.A. (1974) - Observations on diatom species transferred from  
Gomphonema C.A.Agardh to Gomphoneis Cleve.  
Br. phycol. J. 9: 75-82.
- Deby, J. (1880) - Les apparences microscopiques des valves des diat-  
 omées.  
Annls. Soc. belge Microsc. 5: 15-28.

Dodge, J.D. (1973) - The Fine Structure of Algal Cells.  
Academic Press: London & New York. i-xii + 261 pp.

Donkin, A.S. (1858) - On the Marine Diatomaceae of Northumberland with  
a description of eighteen new species.  
Trans. Micr. Soc. Lond., New Series 6: 12-34.

Donkin, A.S. (1859) - Notes in Reply to Dr. Walker-Arnott.  
Q. Jl. microsc. Sci. 7: 5-9.

Drebes, G. (1977) - Sexuality.  
In D.Werner (ed.) 'The Biology of Diatoms'. Botanical Monographs 13: 250-283.  
Blackwell Scientific Publications.

Drum, R.W. (1963) - Cytoplasmic fine structure of the diatom Nitzschia palea.  
J. Cell Biol. 18: 429-440.

Drum, R.W. (1966) - Electron Microscopy of Paired Golgi Structures in  
the Diatom Pinnularia nobilis.  
J. Ultrastruct. Res. 15: 100-107.

Drum, R.W. & Hopkins, J.T. (1966) - Diatom Locomotion: An Explanation.  
Protoplasma 62: 1-33.

Drum, R.W. & Pankratz, H.S. (1965) - Locomotion and raphe structure of  
the diatom Bacillaria.  
Nova Hedwigia 10: 315-317.

Duke, E.L. & Reimann, B.E.F. (1977) - The Ultrastructure of the Diatom  
Cell.  
In D.Werner (ed.) 'The Biology of Diatoms'. Botanical Monographs 13: 65-109.  
Blackwell Scientific Publications.

Eaton, J.W. & Moss, B. (1966) - The estimation of numbers and pigment  
content in epipelagic algal populations.  
Limnol. Oceanogr. 11: 584-595.

Esau, K. (1965) - Plant Anatomy.  
2nd. Edtn. Wiley & Sons: New York, etc. i-xx + 767 pp.

Evensen, D.L. & Hasle, G.R. (1975) - The morphology of some Chaetoceros  
(Bacillariophyceae) species as seen in the Electron Microscope.  
Nova Hedwigia, Beih. 53: 153-174.

Fjerdningstad, E. (1950) - The microflora of the river Mølleåa, with  
special reference to the relations of the benthal algae to poll-  
ution.  
Folia limnol. scand. 5: 1-123.

Foged, N. (1951) - The Diatom Flora of some Danish Springs - 1.  
Natura jutl. 4: 1-73.

Foged, N. (1959) - Diatoms from Afghanistan.  
Biol. Skr. 11: 1-95.

Foged, N. (1960) - Notes on Diatoms II. Cymbellonitzschia diluviana  
Hust.  
Bot. Tidsskr. 55: 289-295.

- Frenguelli, J. (1926) - Contribuciones al conocimiento de las diatomeas Argentinas IV. Diatomeas fósiles del prebelgranense de Miramar (Prov. de Buenos Aires).  
Bol. Acad. nac. Cienc. Argentina 29: 1-89.
- Frenguelli, G. (1929) - Bacillariales.  
In E. Chiovenda (ed.) 'Flora Somala'. 437 pp.
- Frenguelli, J. (1934) - Diatomeas del Plioceno superior de las Guayquerías de San Carlos (Provincia de Mendoza).  
Revta Mus. La Plata 34: 339-371.
- Frenguelli, J. (1938a) - Diatomeas de la Bahía de San Blas (Provincia de Buenos Aires).  
Revta Mus. La Plata N.S., Bótanica 1: 251-337.
- Frenguelli, J. (1938b) - Diatomeas del Querandinense Estuarino del Río Matanza en Buenos Aires.  
Revta Mus. La Plata N.S., Palaeontología 1: 291-314.
- Frenguelli, J. (1942) - Diatomeas del Neuquén (Patagonia).  
Revta Mus. La Plata N.S., Botanica 2: 73-219.
- Friedmann, I. (1952) - Über neue und wenig bekannte auf Diatomäen parasitierende Phycomyceten.  
Österr. bot. Z. 99: 173-219.
- Fritsch, F.E. (1935) - The Structure and Reproduction of the Algae. Cambridge University Press. 2 vols.
- Fritsch, F.E. & Rich, F. (1924) - Contributions to our Knowledge of the Freshwater Algae of Africa 4. Freshwater and Subaerial Algae from Natal.  
Trans. R. Soc. S. Afr. 11: 297-398.
- Fuge, D.P. (1937) - Nitzschia Firthii spec. nov., a Diatom from Chinese Canned Fish.  
Jl. R. microsc. Soc. 57: 183-185.
- Gandhi, H.P. (1960) - On the Diatom flora of some ponds around Vasna village near Ahmedabad.  
J. Indian bot. Soc. 39: 558-567.
- Gandhi, H.P. (1962) - The Diatom-Flora of the Bombay and Salsette Islands II.  
Nova Hedwigia 3: 469-505.
- Geissler, U. (1970a) - Die Variabilität der Schalenmerkmale bei den Diatomeen.  
Nova Hedwigia 19: 623-773.
- Geissler, U. (1970b) - Die Schalenmerkmale der Diatomeen - Ursachen ihrer Variabilität und Bedeutung für die Taxonomie.  
Nova Hedwigia, Beih. 31: 511-535.
- Geitler, L. (1932) - Der Formwechsel der pennaten Diatomeen (Kieselalgen).  
Arch. Protistenk. 78: 1-226.

- Geitler, L. (1937) - Der Chromatophorenbau der Diatomeen Gyrosigma attenuatum und Nitzschia sigmoidea.  
Beih. bot. Zbl. Abt.A 57: 425-431.
- Geitler, L. (1949) - Die Auxosporenbildung von Nitzschia sigmoidea und die Geschlechtsbestimmung bei den Diatomeen.  
Port. Acta biol. (A), R.B.Goldschmidt volume: 79-87.
- Geitler, L. (1951) - Der Bau des Zellkerns von Navicula radiosa und verwandten Arten und die präanaphasische Trennung von Tochtercentromeren.  
Österr. bot. Z. 98: 206-214.
- Geitler, L. (1953) - Allogamie und Autogamie bei der Diatomee Denticula tenuis und die Geschlechtsbestimmung der Diatomeen.  
Österr. bot. Z. 100: 331-352.
- Geitler, L. (1958) - Notizen über Rassenbildung, Fortpflanzung, Formwechsel und morphologische Eigentümlichkeiten bei pennaten Diatomeen.  
Österr. bot. Z. 105: 408-442.
- Geitler, L. (1968a) - Kleinsippen bei Diatomeen.  
Österr. bot. Z. 115: 354-362.
- Geitler, L. (1968b) - Auxosporenbildungen bei einigen pennaten Diatomeen und Nitzschia flexoides n. sp. in der Gallerie von Ophrydium versatilis.  
Österr. bot. Z. 115: 482-490.
- Geitler, L. (1968c) - Die Lage der Raphen in den Zellen von Nitzschia-Arten.  
Ber. dt. bot. Ges. 81: 411-413.
- Geitler, L. (1969) - Die Auxosporenbildung von Nitzschia amphibia.  
Österr. bot. Z. 117: 404-410.
- Geitler, L. (1970) - Pädogame Automixis und Auxosporenbildung bei Nitzschia frustulum var. perpusilla.  
Österr. bot. Z. 118: 121-130.
- Geitler, L. (1973) - Auxosporenbildung und Systematik bei pennaten Diatomeen und die Cytologie von Cocconeis-Sippen.  
Österr. bot. Z. 122: 299-321.
- Geitler, L. (1975a) - Lebendbeobachtung der Chromatophorenteilung der Diatomee Nitzschia.  
Plant Syst. Evol. 123: 145-152.
- Geitler, L. (1975b) - Formwechsel, sippenspezifischer Paarungsmodus und Systematik bei einigen pennaten Diatomeen.  
Plant Syst. Evol. 124: 7-30.
- Gibbs, S.P. (1962a) - The Ultrastructure of the Pyrenoids of Algae, Exclusive of the Green Algae.  
J. Ultrastr. Res. 7: 247-261.
- Gibbs, S.P. (1962b) - The Ultrastructure of the Chloroplasts of Algae.  
J. Ultrastr. Res. 7: 418-435.

- Giffen, M.H. (1963) - Contributions to the Diatom Flora of South Africa  
 I. Diatoms of the Estuaries of the Eastern Cape Province.  
Hydrobiologia 21: 201-265.
- Giffen, M.H. (1966) - Contributions to the Diatom Flora of South Africa  
 III. Diatoms of the Marine Littoral Regions at Kidd's Beach Near  
 East London, Cape Province, South Africa.  
Nova Hedwigia 13: 245-292.
- Giffen, M.H. (1970a) - New and Interesting Marine and Littoral Diatoms  
 from Sea Point, near Cape Town, South Africa.  
Botanica Marina 13: 87-99.
- Giffen, M.H. (1970b) - Contributions to the diatom flora of South Africa  
 IV. The marine littoral diatoms of the Estuary of the Kowie River,  
 Port Alfred, Cape Province.  
Nova Hedwigia 31: 259-312.
- Giffen, M.H. (1971) - Marine Littoral Diatoms from the Gordon's Bay  
 Region of False Bay, Cape Province, South Africa.  
Botanica Marina 14 Supplement: 1-16.
- Giffen, M.H. (1973) - Diatoms of the Marine Littoral of Steenberg's  
 Cove in St. Helena Bay, Cape Province, South Africa.  
Botanica Marina 16: 32-48.
- Giffen, M.H. (1975) - An Account of the Littoral Diatoms from Lange-  
 baan, Saldanha Bay, Cape Province, South Africa.  
Botanica Marina 18: 71-95.
- Giffen, M.H. (1976) - A Further Account of the Marine Littoral Diatoms  
 of the Saldanha Bay Lagoon, Cape Province, South Africa.  
Botanica Marina 19: 379-394.
- Gmelin, J.F. (1788) - Bacillaria paradoxa.  
 In Linnaeus 'Systema Naturae', Edtn.13 1 (6): No.3903.
- Grove, E. & Sturt, G. (1887) - On a Fossil Marine Diatomaceous Deposit  
 from Oamaru, Otago, New Zealand III.  
J. Queckett microsc. Club Ser.2, 3: 63-78.
- Grunow, A. (1860) - Ueber neue oder ungenügend bekannte Algen.  
 Erste Folge. Diatomaceen, Familie Naviculeae.  
Verh. zool.-bot. Ges. Wien 10: 503-582.
- Grunow, A. (1862) - Die Österreichischen Diatomaceen nebst Anschluss  
 einiger neuen Arten von andern Lokalitäten und einer kritischen  
 Uebersicht der bisher bekannten Gattungen und Arten.  
 Zweite Folge. Nitzschiaeae.  
Verh. zool.-bot. Ges. Wien 12: 545-588.
- Grunow, A. (1863) - Ueber einige neue und ungenügend bekannte Arten  
 und Gattungen.  
Verh. zool.-bot. Ges. Wien 13: 137-162.
- Grunow, A. (1870) - Algae.  
 In 'Reise der Österreichischen Fregatte Novara um die Erde in den  
 Jahren 1857, 1858, 1859.'  
 Botanischer Theil 1: 1-104.

Grunow, A. (1879) - New Species and Varieties of Diatomaceae from the Caspian Sea (transl. by F. Kitton).  
Jl. R. microsc. Soc. 2: 677-691.

Grunow, A. (1880) - On some new species of Nitzschia.  
Jl. R. microsc. Soc. 3: 394-397.

Grunow, A. (1884) - Die Diatomeen von Franz Josefs-Land.  
Denkschr. Akad. Wiss. Wien 48: 53-112.

Grunow, A. (1888) - Referat über Grove et Sturt's Arbeit.  
Bot. Zentralbl. 34: 34-41.

Gschöpf, O. (1952) - Das Problem der Doppelplättchen und ihnen homologer Gebilde bei den Diatomeen.  
Österr. bot. Z. 99: 1-36.

Guillard, R.R.L. (1962) - Salt and Osmotic Balance.  
In R.A. Lewin (ed.) 'Physiology and Biochemistry of Algae.' 529-540.  
Academic Press: New York & London.

Hagelstein, R. (1938) - Botany of Porto Rico and the Virgin Islands:  
Diatomaceae.  
New York Acad. Sci. Survey Porto Rico & Virgin Islands 8: 313-450.

Hanna, G.D. & Grant, W.M. (1926) - Expedition to the Revillagigedo Islands, Mexico in 1925 II. Miocene marine diatoms from Maria Madre Island, Mexico.  
Proc. Calif. Acad. Sci. 15: 115-193.

Hargraves, P.E. & Levandowsky, M. (1971) - Fine structure of some brackish-pond diatoms.  
Nova Hedwigia 21: 321-332.

Hasle, G.R. (1960) - Phytoplankton and ciliate species from the tropical Pacific.  
Skr. norske Vidensk-Akad. mat.-nat. Kl. 2: 1-50.

Hasle, G.R. (1964) - Nitzschia and Fragilariopsis species studied in the light and electron microscopes I. Some marine species of the groups Nitzschia and Lanceolatae.  
Skr. norske Vidensk-Akad. mat.-nat. Kl., N.S. 16: 1-48.

Hasle, G.R. (1965a) - Nitzschia and Fragilaria species ... II.  
The group Pseudonitzschia.  
Skr. norske Vidensk-Akad. mat.-nat. Kl., N.S. 18: 1-45.

Hasle, G.R. (1965b) - Nitzschia and Fragilaria species ... III.  
The genus Fragilaria.  
Skr. norske Vidensk-Akad. mat.-nat. Kl., N.S. 21: 1-49.

Hasle, G.R. (1968a) - The valve processes of the centric diatom genus Thalassiosira.  
Norweg. Jl. Bot. 15: 193-201.

Hasle, G.R. (1968b) - Observations on the Marine Diatom Fragilaria kerguelensis (O'Meara) Hust. in the Scanning Electron Microscope.  
Norweg. Jl. Bot. 15: 205-208.

- Hasle, G.R. (1971) - Nitzschia pungiformis (Bacillariophyceae), a New Species of the Nitzschia seriata Group.  
Norweg. Jl. Bot. 18: 139-144.
- Hasle, G.R. (1972a) - Two Types of Valve Processes in Centric Diatoms.  
Nova Hedwigia, Beih. 39: 55-78.
- Hasle, G.R. (1972b) - Fragilariopsis Hustedt as a Section of the Genus Nitzschia Hassall.  
Nova Hedwigia, Beih. 39: 111-119.
- Hasle, G.R. (1973a) - Thalassiosiraceae, a New Diatom Family.  
Norweg. Jl. Bot. 20: 67-69.
- Hasle, G.R. (1973b) - Some Marine Plankton Genera of the Diatom Family Thalassiosiraceae.  
Nova Hedwigia, Beih. 45: 1-49.
- Hasle, G.R. (1974) - Validation of the names of some marine planktonic species of Nitzschia (Bacillariophyceae).  
Taxon 23: 425-428.
- Hasle, G.R. (1975) - Some living marine species of the diatom family Rhizosoleniaceae.  
Nova Hedwigia, Beih. 53: 99-140.
- Hasle, G.R. (1976) - Examination of diatom type material: Nitzschia delicatissima Cleve, Thalassiosira minuscula Krasske, and Cyclo-tella nana Hustedt.  
Br. phycol. J. 11: 101-110.
- Hasle, G.R. & Mendiola, B.R.E.de (1967) - The Fine Structure of Some Thalassionema and Thalassiosira Species.  
Phycologia 6: 107-125.
- Hassall, A.H. (1845) - A History of the British Freshwater Algae, including descriptions of the Desmideae and Diatomaceae.  
Highley & Bailliere: London. 2 vols.
- Heiden, H. & Kolbe, R.W. (1928) - Die marinen Diatomeen der deutschen Südpolar-Expedition 1901-1903.  
Dt. Südpol. Exped. (Bot.) 8: 447-715.
- Heinzerling, O. (1908) - Der Bau der Diatomeenzelle.  
Bibliotheca Bot. 69: 1-88.
- Helmkcke, J.G. & Krieger, W. (1953- ) - Diatomeenschalen im elektronen-mikroskopischen Bild. Vols.1-10, continuing.  
J.Cramer: Lehre.
- Hendey, N.I. (1937) - The plankton Diatoms of the Southern Seas.  
'Discovery' Rep. 16: 151-364.
- Hendey, N.I. (1957) - Marine Diatoms from some West African Ports.  
Jl. R. microsc. Soc. 77: 28-85.
- Hendey, N.I. (1959) - The Structure of the Diatom Cell Wall as Revealed by the Electron Microscope.  
J. Queckett microsc. Club 5: 147-175.

Hendey, N.I. (1964) - An Introductory Account of the Smaller Algae of British Coastal Waters. Part V: Bacillariophyceae (Diatoms). H.M.S.O.: London. 317 pp.

Hendey, N.I. (1971) - Electron microscope studies and the classification of diatoms.  
In B.M.Funnell & W.R.Riedel (eds.) 'The Micropalaeontology of Oceans.' pp.625-631.  
Cambridge University Press.

Hendey, N.I. (1974) - A revised check-list of British marine diatoms.  
J. mar. biol. Ass. U.K. 54: 277-300.

Hohn, M.H. & Hellerman, J. (1966) - New Diatoms from the Lewes-Rehoboth canal, Delaware and Chesapeake Bay Area of Baltimore, Maryland.  
Trans. Am. microsc. Soc. 85: 115-130.

Hufford, T.L. & Collins, G.B. (1972) - The stalk of the diatom Cymbella cistula: SEM observations.  
J. Phycol. 8: 208-210.

Hull, D.L. (1965a) - The effect of essentialism on taxonomy - two thousand years of stasis (I).  
Br. J. Philos. Sci. 15: 314-326, reproduced in C.N.Slobodchikoff (ed.) 'Concepts of Species' (q.v.).

Hull, D.L. (1965b) - The effect of essentialism ... (II).  
Br. J. Philos. Sci. 16: 1-18, reproduced as above.

Hustedt, F. (1914) - Bacillariales aus den Sudeten und einigen benachbarten Gebieten des Odertales.  
Arch. Hydrobiol. 10: 1-128.

Hustedt, F. (1921) - Bacillariales.  
In 'B.Schröder, Zellpflanzen Ostafrikas.'  
Hedwigia 63: 117-173.

Hustedt, F. (1922) - Bacillariales aus Innerasien, gesammelt von Sven Hedin.  
Sven Hedin, Southern Tibet 6 (3 Bot.): 107-152.

Hustedt, F. (1927a) - Bacillariales aus dem Aokikosee in Japan.  
Arch. Hydrobiol. 18: 155-172.

Hustedt, F. (1927b) - Fossile Bacillariaceen aus dem Loa-Becken in der Atacama-Wüste, Chile.  
Arch. Hydrobiol. 18: 224-251.

Hustedt, F. (1927-66) - Die Kieselalgen Deutschlands, Österreichs und der Schweiz mit Berücksichtigung der übrigen Länder Europas sowie der angrenzenden Meeresgebiete.  
In 'Dr.L.Rabenhorsts Kryptogamen-Flora von Deutschland, Österreich und der Schweiz.'  
Akademische Verlagsgesellschaft: Leipzig.

Hustedt, F. (1928a) - Zur Morphologie und Systematik der Gattung Denticula und Epithemia.  
Ber. dt. bot. Ges. 46: 148-157.

Hustedt, F. (1928b) - Über den Bau der Raphe bei der Gattung Hantzschia Grun.  
Ber. dt. bot. Ges. 46: 157-162.

- Hustedt, F. (1929) - Weitere Untersuchungen über die Kanalraphe der Nitzschioideae.  
Ber. dt. bot. Ges. 47: 101-104.
- Hustedt, F. (1930) - Bacillariophyta (Diatomeae).  
 In A. Pascher (ed.) 'Die Süßwasser-Flora Mitteleuropas' 10,  
 Zweite Auflage. 466 pp.  
 G. Fischer: Jena.
- Hustedt, F. (1935) - Die fossile Diatomeenflora in den Ablagerungen des Tobasees auf Sumatra.  
Arch. Hydrobiol., Suppl. 14: 143-192.
- Hustedt, F. (1938) - Systematische und ökologische Untersuchungen über die Diatomeen-Flora von Java, Bali und Sumatra nach dem Material der Deutschen Limnologischen Sunda-Expedition.  
Arch. Hydrobiol., Suppl. 15: 137-177, 187-295, 393-506, 638-790.
- Hustedt, F. (1939) - Die Diatomeenflora des Küstengebietes der Nordsee vom Dollart bis zur Elbmündung I. Die Diatomeenflora in den Sedimenten der unteren Ems sowie auf den Watten in der Leybucht, des Memmert und bei der Insel Juist.  
Abh. naturw. Ver. Bremen 31: 572-677.
- Hustedt, F. (1942) - Süßwasser-Diatomeen des indomalayischen Archipels und der Hawaii-Inseln.  
Int. Revue ges. Hydrobiol. Hydrogr. 42: 1-252.
- Hustedt, F. (1943) - Die Diatomeenflora einiger Hochgebirgseen der Landschaft Davos in den Schweizer Alpen.  
Int. Revue ges. Hydrobiol. Hydrogr. 43: 124-197, 225-280.
- Hustedt, F. (1945) - Diatomeen aus Seen und Quellgebieten der Balkan-Halbinsel.  
Arch. Hydrobiol. 40: 867-973.
- Hustedt, F. (1949) - Süßwasser Diatomeen aus dem Albert-National Park in Belgisch Kongo.  
Explor. Parc natn. Albert Miss. H. Damas 8: 1-199.
- Hustedt, F. (1950) - Die Diatomeenflora norddeutscher Seen mit besonderer Berücksichtigung des holsteinischen Seengebiets V-VII. Seen in Mecklenburg, Lauenburg und Nordostdeutschland.  
Arch. Hydrobiol. 43: 329-458.
- Hustedt, F. (1952) - Neue und wenig bekannte Diatomeen II.  
Ber. dt. bot. Ges. 64: 304-314.
- Hustedt, F. (1953) - Diatomeen aus der Oase Gafsa in Südtunesien.  
Arch. Hydrobiol. 48: 145-153.
- Hustedt, F. (1955) - Marine Littoral Diatoms of Beaufort, North Carolina.  
Bull. Duke Univ. mar. Stn. 6: 1-67.
- Hustedt, F. (1956) - Diatomeen aus dem Lago de Maracaibo in Venezuela.  
Ergebn. dt. Limnol. Venezuela-Exped. 1: 93-140.
- Hustedt, F. (1957) - Die Diatomeenflora des Flusssystems der Weser im Gebiet der Hansestadt Bremen.  
Abh. naturw. Ver. Bremen 34: 181-440.

- Hustedt, F. (1958) - Phylogenetische Untersuchungen an Diatomeen.  
Österr. bot. Z. 105: 193-211.
- Hustedt, F. (1959a) - Die Diatomeenflora des Salzlackengebietes im Österreichischen Burgenland.  
Sber. Öst. Akad. Wiss., Abt.1 168: 387-452.
- Hustedt, F. (1959b) - Die Diatomeenflora des Neusiedler Sees im Österreichischen Burgenland.  
Österr. bot. Z. 106: 390-430.
- Hustedt, F. (1959c) - Die Diatomeenflora der Unterweser von der Lesum-mündung bis Bremerhaven mit Berücksichtigung des Unterlaufs der Hunte und Geeste.  
Veröff. Inst. Meeresforsch. Bremerh. 6: 13-176.
- Hustedt, F. (1967) - Der ultramikroskopische Bau der Zellwand in Beziehung zur Systematik der Diatomeen.  
Ber. dt. bot. Ges. 79: 445-452.
- International Code of Botanical Nomenclature (I.C.B.N.) (1972), adopted by the 11th International Botanical Congress, Seattle, Aug. 1969. ed. Stafleu et al. Utrecht. 426 pp.
- Jensen, W.A. (1962) - Botanical Histochemistry: principles and practice. Freeman: San Francisco.
- Kamijo, H. & Watanabe, T. (1974) - On the Diatoms from Lake Kahoku-gata and Its Inflows.  
Sci. Rep. Kanazawa Univ. 18: 97-153.
- Karsten, G. (1897) - Untersuchungen über Diatomeen III.  
Flora 83: 203-221.
- Karsten, G. (1899) - Die Diatomeen der Kieler Bucht.  
Wiss. Meeresunters. (Kiel) 4: 17-205.
- Karsten, G. (1901) - Ueber farblose Diatomeen.  
Flora 89: 404-433.
- Karsten, G. (1905-7) - Das Phytoplankton des Antarktischen Meeres nach dem Material der Deutschen Tiefsee-Expedition 1898-1899 / Das Phytoplankton des Atlantischen Oceans nach dem Material ... / Das indische Phytoplankton nach dem Material ...  
Wiss. Ergebn. dt. Tiefsee Exped. 'Valdivia' 2 (2): 1-136 (1905), 137-219 (1906), 221-548 (1907).
- Karsten, G. (1928) - Bacillariophyta (Diatomeae). In Engler & Prantl 'Die natürlichen Pflanzenfamilien', 2nd edtn. 2: 105-303.
- Kitton, F. (1873) - A description of some new species of Diatomaceae.  
Mon. Microsc. J. 10: 205-207.
- Kitton, F. (1874) - New Diatoms.  
Mon. Microsc. J. 12: 218-220.
- Köhler, A. (1929/30) - Über die Feinstruktur von Navicula (Pinnularia) nobilis Ehbg.  
Z. Bot. 22: 442-454.

- Kolbe, R.W. (1927) - Zur Ökologie, Morphologie und Systematik der Brackwasser-Diatomeen. Die Kieselalgen des Sperenberger Salzgebietes.  
Pflanzenforschung 7: 1-146.
- Krenner, J.A. (1926) - Adatok Albánia flórájához (Addimenta ad floram Albaniae).  
Balkán-Kutat. Tud. Eredm. 3: 90-121.
- Kutzing, F.T. (1844) - Die kieselschaligen Bacillarien oder Diatomeen. Nordhausen. 152 pp.
- Lange-Bertalot, H. (1977) - Eine Revision zur Taxonomie der Nitzschiae Lanceolatae Grunow. Die 'klassischen' bis 1930 beschriebenen Süßwasserarten Europas.  
Nova Hedwigia 28: 253-307.
- Lauritis, J.A., Coombs, J. & Volcani, B.E. (1968) - Studies on the biochemistry and fine structure of silica shell formation in diatoms IV. Fine structure of the apochlorotic diatom Nitzschia alba Lewin & Lewin.  
Arch. Mikrobiol. 62: 1-16.
- Lauritis, J.A., Hemmingsen, B.B. & Volcani, B.E. (1967) - Propagation of Hantzschia sp. Grunow daughter cells by Nitzschia alba Lewin & Lewin.  
J. Phycol. 3: 236-237.
- Lauterborn, R. (1896) - Untersuchungen über Bau, Kernteilung und Bewegung der Diatomeen.  
W. Engelmann: Leipzig. 165 pp.
- Lewin, J.C. (1958) - The taxonomic position of Phaeodactylum tricornutum.  
J. gen. Microbiol. 18: 427-432.
- Lewin, J.C. (1962) - Silicification.  
In R.A. Lewin (ed.) 'Physiology and Biochemistry of Algae', 445-455. Academic Press: New York & London.
- Lewin, J.C. & Lewin, R.A. (1967) - Culture and nutrition of some apochlorotic diatoms of the genus Nitzschia.  
J. gen. Microbiol. 46: 361-367.
- Liddell, H.G. & Scott, R. (1968) - A Greek English Lexicon: New Edition by H.S. Jones & R. McKenzie, completed 1940. Reprinting. Clarendon Press: Oxford.
- Lund, J.W.G. (1945) - Observations on Soil Algae I. The Ecology, size and taxonomy of British soil diatoms (part 1).  
New Phytol. 44: 196-219.
- Lund, J.W.G. (1946) - Observations on Soil Algae I. ... (part 2).  
New Phytol. 45: 56-110.
- Lund, J.W.G. (1962) - Classical and modern criteria used in algal taxonomy with special reference to genera of microbial size.  
Symp. Soc. gen. Microbiol. 12: 68-110.

Lyngbye, H. (1819) - Tentamen Hydrophytologiae Danicae. Continens Omnia Hydrophyta, Cryptogamma Daniae, Holsatiae, Faeroae, Islandiae, Groenlandiae, Lucusque, Cognita, Systematicae. Disposita, Descripta et Iconibus Illustrata. Adjedis Simul Speciebus Norvegicus. Hafniae. 248 pp.

Maillard, R. (1977) - Diatomées d'eau douce du Mali, Afrique.  
Bull. Mus. natn. Hist. nat. Paris, 3 sér. 443 (Botanique 30): 17-45.

Manguin, É. (1960) - Les Diatomées de la Terre Adélie Campagne du 'Commandant Charcot' 1949-1950.  
Annls Sci. nat. (Bot.), 12 sér. 1960: 221-363.

Mann, A. (1925) - Marine Diatoms of the Philippine Islands.  
Bull. U.S. natn. Mus. 100 6 (1): 182 pp.

Mann, D.G. (1977) - The Diatom Genus Hantzschia Grunow - an Appraisal.  
Nova Hedwigia, Beih. 54: 323-354.

Manton, I., Kowallik, K. & Von Stosch, H.A. (1969a) - Observations on the fine structure and development of the spindle at mitosis and meiosis in a marine centric diatom (Lithodesmium undulatum) I. Preliminary survey of mitosis in spermatogonia.  
J. Microscopy 89: 295-320.

Manton, I., Kowallik, K. & Von Stosch, H.A. (1969b) - Observations ...  
 II. The early meiotic stages in male gametogenesis.  
J. Cell. Sci. 5: 271-298.

Manton, I., Kowallik, K. & Von Stosch, H.A. (1970a) - Observations ...  
 III. The later stages of meiosis I in male gametogenesis.  
J. Cell. Sci. 6: 131-157.

Manton, I., Kowallik, K. & Von Stosch, H.A. (1970b) - Observations ...  
 IV. The second meiotic division and conclusion.  
J. Cell. Sci. 7: 407-443.

Mayr, E. (1957) - Species Concepts and Definitions.  
 In E. Mayr (ed.) 'The Species Problem'  
Am. Assoc. Adv. Sci. Publ. 50: 1-22, reproduced in C.N. Slobodchikoff (ed.) 'Concepts of Species' (q.v.).

Meister, F. (1932) - Kieselalgen aus Asien.  
 Gebrüder Bornträger: Berlin. 56 pp.

Mereschkowsky, C. (1901) - Études sur l'endochrome des Diatomées.  
Mém. Acad. Sci. St. Petersb., Sér. 8 11 (6): 1-40.

Mereschkowsky, C. (1903a) - Les Types de l'endochrome chez les Diatomées.  
Scripta Bot. Horti Univers. Imp. Petropol. 21: 107-193.

Mereschkowsky, C. (1903b) - Nouvelles Recherches sur la Structure et la Division des Diatomées. Rapport préliminaire.  
Bull. Soc. Nat. Moscou 149-172.

Merlin, A.A.C.E. (1916) - On Nitzschia singalensis as a test-object for the highest powers.  
J. Quekett microsc. Club, Ser. 2 13: 111-112.

Mills, F.W. (1933-5) - Index to the genera and species of the Diatomaceae and their Synonyms 1816-1932.  
Wheldon & Wesley: London. 1726 pp.

Moss, M.O. & Gibbs, G. (1974) - The Frustule of Achnanthes lanceolata  
Bréb.  
Microscopy 32: 401-406.

Müller, O. (1886) - Die Zwischenbänder und Septen der Bacillariaceen  
Ber. dt. bot. Ges. 6: 306-316.

Müller, O. (1895) - Über Achsen, Orientierungs- und Symmetrieebenen bei den Bacillariaceen.  
Ber. dt. bot. Ges. 13: 19-22.

Müller, O. (1898) - Kammern und Poren in der Zellwand der Bacillariaceen.  
Ber. dt. bot. Ges. 16: 386-402.

Müller, O. (1905) - Bacillariaceen aus dem Nyassalande und einigen benachbarten Gebieten. Dritte Folge. Naviculoideae-Naviculaeae-Gomphoneminae-Gomphocymbellinae-Cymbellinae. Nitzschioideae-Nitzschiae. Pflanzengeographische Übersichten.  
Engler's Jahrbücher 36: 137-205.

Müller, O.F. (1786) - Animalcula infusoria fluviatilla et marina quae detexit, systematice, descriptsit et ad vivum delineare curavit O.F.Müller.  
Havniae.

Nitzsch, C.L. (1817) - Beitrag zur Infusorienkunde oder Naturbeschreibung der Zerkarien und Bazillarien.  
Neue Schr. naturf. Ges. Halle 3 (1): 128 pp.

Norris, R.E. (1973) - A New Planktonic Diatom, Nanoneis hasleae gen. et sp. nov.  
Norweg. Jl. Bot. 20: 321-325.

Østrup, E. (1910) - Danske Diatoméer.  
C.A.Reitzels Boghandel: Kjøbenhavn. 323 pp.

Østrup, E. (1913) - Diatomaceae ex Insulis Danicis Indiae occidentalis.  
Dansk Bot. Archiv 1: 1-37.

Østrup, E. (1918a) - Freshwater Diatoms from Iceland.  
In L.K.Rosenvinge & E.Warming (eds.) 'The Botany of Iceland' 2: 1-94.

Østrup, E. (1918b) - Marine Diatoms from the Coasts of Iceland.  
In L.K.Rosenvinge & E.Warming (eds.) 'The Botany of Iceland' 2: 347-394.

Ott, E. (1900) - Untersuchungen über den Chromatophorenbau der Süßwasser-Diatomaceen und dessen Beziehung zur Systematik.  
Sber. Akad. Wiss. Wien 109: 769-801.

Paasche, E. (1961) - Notes on Phytoplankton from the Norwegian Sea.  
Botanica Marina 2: 197-210.

- Paddock, T.B.B. & Sims, P.A. (1977) - A Preliminary Survey of the Raphe Structure of Some Advanced Groups of Diatoms (Epithemiaceae-Suriellaceae).  
Nova Hedwigia, Beih. 54: 291-322.
- Pankow, H. (1976) - Algenflora der Ostsee II. Plankton.  
 G.Fischer: Jena. 493 pp.
- Pantocsek, J. (1902) - Die Bacillarien des Balatonsees.  
Resultate Wiss. Erforsch. Balatonsees. 2: Die Biologie des Balatonsees (2) Die Flora. Sect.1. 112 pp.
- Patrick, R. (1970) - The Diatom Flora of some Lakes of the Galapagos Islands.  
Nova Hedwigia, Beih. 31: 495-510.
- Patrick, R. & Reimer, C.W. (1966) - The Diatoms of the United States I. Fragilariaeae, Eunotiaceae, Achnanthaceae, Naviculaceae.  
Monogr. Acad. nat. Sci. Philad. 13: i-xi + 688 pp.
- Peragallo, H. & Peragallo, M. (1897-1908) - Diatomées marines de France et des districts maritimes voisins. 2 vols.  
 Réimpression. A.Asher & Co.: Amsterdam. 1965.
- Petersen, J.B. (1943) - Some Halobion Spectra (Diatoms).  
Biol. Skr. 17: 1-95.
- Petersen, J.B. (1950) - Observations on Some Small Species of Eunotia.  
Dansk Bot. Arkiv 14: 1-19.
- Petit, P. (1877) - Liste des Diatomées et des Desmidiées observées dans les environs de Paris.  
Bull. soc. bot. Fr. 23/24: 30 pp.
- Petit, P. (1888) - Diatomées recoltées dans le voisinage du Cap Horn.  
Mission Scient. Cap Horn 5: 111-140.
- Pfitzer, E. (1871) - Untersuchungen über Bau und Entwicklung der Bacillariaceen (Diatomaceen).  
Botanische Abhandlungen aus dem Gebiet der Morphologie und Physiologie 1 (2): i-vi + 189 pp.
- Pickett-Heaps, J.D., McDonald, K.L. & Tippit, D.H. (1975) - Cell division in the pennate diatom Diatoma vulgare.  
Protoplasma 86: 205-242.
- Pritchard, A. (1861) - A History of Infusoria, including the Desmidaceae and Diatomaceae, British and Foreign. 4th edtn. enlarged and revised by J.T.Arlidge, W.Archer, J.Ralfs, W.C.Williamson and the author.  
 Whittaker & Co.: London. 968 pp.
- Rabenhorst, L. (1864) - Flora Europaea Algarum aquae dulcis et sub-marinae. Sectio I. Algas diatomaceas complectens, cum figuris generum omnium xylographica impressis.  
 Apud Eduardum Kummerum: Lipsiae. 359 pp.
- Reimann, B.E.F. & Lewin, J.C. (1964) - The Diatom genus Cylindrotheca Rabenhorst.  
Jl. R. microsc. Soc. 83: 283-296.

Robards, A.W. (1970) - Electron microscopy and plant ultrastructure. McGraw-Hill: London. 298 pp.

Roper, F.C.S. (1858) - Notes on some New Species and Varieties of British Marine Diatomaceae.  
Q. Jl. microsc. Soc. 6: 17-25.

Ross, R. (1963) - Ultrastructure research as an aid in the classification of diatoms.  
Ann. N.Y. Acad. Sci. 108: 396-411.

Ross, R. & Sims, P.A. (1970) - Studies of Aulacodiscus with the SEM. Nova Hedwigia, Beih. 31: 49-88.

Ross, R. & Sims, P.A. (1971) - Generic limits in the Biddulphiaceae. In V.H. Heywood (ed.) 'Scanning Electron Microscopy: systematic and evolutionary applications', 155-179. Academic Press: London.

Ross, R. & Sims, P.A. (1972) - The fine structure of the frustule in centric diatoms: A suggested terminology.  
Br. phycol. J. 7: 139-163.

Ross, R., Sims, P.A. & Hasle, G.R. (1977) - Observations on Some Species of the Hemialuloideae.  
Nova Hedwigia, Beih. 54: 179-203.

Round, F.E. (1953) - An investigation of two benthic algal communities in Malham Tarn, Yorkshire.  
J. Ecol. 41: 174-197.

Round, F.E. (1955) - Some observations on the benthic algal flora of four small ponds.  
Arch. Hydrobiol. 50: 111-135.

Round, F.E. (1957) - A note on some diatom communities in calcareous springs and streams.  
J. Linn. Soc. Lond. (Botany) 55: 662-668.

Round, F.E. (1958a) - The algal flora of Massom's Slack, Freshfield, Lancashire.  
Arch. Hydrobiol. 54: 462-476.

Round, F.E. (1958b) - Observations on the diatom flora of Braunton Burrows, N. Devon.  
Hydrobiologia 11: 119-127.

Round, F.E. (1958c) - A note on the diatom flora of Harlech Sand Dunes.  
Jl. R. microsc. Soc. 77: 130-135.

Round, F.E. (1959) - A comparative survey of the epipelagic diatom flora of some Irish Loughs.  
Proc. R. Irish Acad. 60 (B): 193-215.

Round, F.E. (1960) - The epipelagic algal Flora of some Finnish lakes.  
Arch. Hydrobiol. 52: 161-178.

Round, F.E. (1965) - The Epipsammon: a relatively unknown Freshwater Algal Association.  
Br. phycol. Bull. 2: 456-462.

- Round, F.E. (1970a) - The genus Hantzschia with particular reference to H. virgata var. intermedia comb. nov.  
Ann. Bot., N.S. 34: 75-91.
- Round, F.E. (1970b) - The delineation of the genera Cyclotella and Stephanodiscus by light microscopy, transmission and reflecting electron microscopy.  
Nova Hedwigia, Beih. 31: 591-604.
- Round, F.E. (1972a) - Stephanodiscus binderanus (Kütz.) Krieger, or Melosira binderana Kütz. (Bacillariophyta, Centrales).  
Phycologia 11: 109-117.
- Round, F.E. (1972b) - Some observations on colonies and ultrastructure of the frustule of Coenobiodiscus muriformis and its transfer to Planktoniella.  
J. Phycol. 8: 222-231.
- Round, F.E. (1972c) - The Problem of Reduction of Cell Size during Diatom Cell division.  
Nova Hedwigia 23: 291-303.
- Round, F.E. (1973) - On the diatom genera Stephanopyxis Ehr. and Skelletonema Grev. and their Classification in a revised system of the Centrales.  
Botanica Marina 16: 148-154.
- Rudzki, B. (1965) - Untersuchungen über peripherie Nukleolen bei pflanzlichen Protisten, das interphasische Kernwachstum bei Dinophyceen und das Kopulationsverhalten von Gomphonemen.  
Österr. bot. Z. 112: 1-43.
- Salah, M.M. (1955) - Some new diatoms from Blakeney Point (Norfolk).  
Hydrobiologia 7: 88-102.
- Scherffel, A. (1925a) - Endophytische Phycomyceten-Parasiten der Bacillariaceen und einige neue Monadinen.  
Arch. Protistenk. 52: 1-141.
- Scherffel, A. (1925b) - Zur Sexualität der Chytridineen.  
Arch. Protistenk. 53: 1-58.
- Scherffel, A. (1926) - Einiges über neue oder ungenügend bekannte Chytridineen.  
Arch. Protistenk. 54: 167-260.
- Schmidt, A. (1857-1959) - Atlas der Diatomaceenkunde, begründet von A. Schmidt, fortgesetzt von M. Schmidt, Fr. Fricke, H. Heiden, O. Müller und Fr. Hustedt. Tafeln 1-460.  
Akademie-Verlag: Berlin.
- Schoeman, F.R. (1973) - A Systematical and Ecological Study of the Diatom Flora of Lesotho with Special Reference to the Water Quality.  
V & R Printers: Pretoria. 355 pp.
- Schoeman, F.R. & Archibald, R.E.M. (1976-) - The Diatom flora of Southern Africa.  
C.S.I.R.O.: Pretoria, S.Africa.

- Schrader, H.-J. (1969) - Die pennaten Diatomeen aus dem Obereozän von Oamaru, Neuseeland.  
Nova Hedwigia, Beih. 28: 1-124.
- Schrader, H.-J. (1973a) - Cenozoic Diatoms from the Northeast Pacific, (Leg 18).  
not directly consulted; see Schrader 1973b.
- Schrader, H.-J. (1973b) - Stratigraphic distribution of marine species of the diatom Denticula in Neogene North Pacific sediments.  
Micropalaeontology 19: 417-430.
- Schrader, H.-J. (1974a) - Revised diatom stratigraphy of the experimental Mohole drilling, Guadalupe site.  
Proc. Calif. Acad. Sci., 4th Ser. 39: 517-562.
- Schrader, H.-J. (1974b) - Cenozoic marine planktonic diatom stratigraphy of the tropical Indian Ocean.  
Init. Rep. Deep Sea Drill. Proj. 24: 887-967.
- Schrader, H.-J. (1976) - Cenozoic planktonic diatom biostratigraphy of the Southern Pacific Ocean.  
Init. Rep. Deep Sea Drill. Proj. 35: 605-671.
- Schütt, F. (1896) - Bacillariales.  
In Engler & Prantl 'Die natürlichen Pflanzenfamilien'.  
1 (Ib): 31-150.
- Simonsen, R. (1960) - Neue Diatomeen aus der Ostsee II.  
Kieler Meeresforsch. 16: 126-130.
- Simonsen, R. (1974) - The Diatom Plankton of the Indian Ocean Expedition of R.V. 'Meteor' 1964-1965.  
'Meteor' Forschungsergebnisse (D) 19 Biologie: 1-66.
- Simonsen, R. & Kanaya, T. (1961) - Notes on the Marine Species of the Diatom Genus Denticula Kütz.  
Int. Revue ges. Hydrobiol. 46: 498-513.
- Skvortzow, B.W. (1925) - Zur Kenntnis der Phycomycetes aus der Nordmandschurei, China.  
Arch. Protistenk. 51: 428-433.
- Skvortzow, B.V. (1975) - Subaerial diatom flora from Hongkong, Eastern Asia.  
Q. J. Taiwan Museum 28: 407-430.
- Slobodchikoff, C.N. (ed.) (1976) - Concepts of species. (Benchmark papers in systematic and evolutionary biology 3)  
Dowder, Hutchinson & Ross: Stroudsburg, Pennsylvania. i-xv + 368 pp.
- Smayda, T.J. & Boleyn, B.J. (1965) - Experimental observations on the flotation of marine diatoms 1. Thalassiosira cf. nana, Thalassiosira rotula and Nitzschia seriata.  
Limnol. Oceanogr. 10: 499-509.
- Smith, H.L. (1878) - Description of New Species of Diatoms.  
Am. Q. microsc. J. 1: 12-18.

- Smith, W. (1853) - A Synopsis of the British Diatomaceae I.  
J. van Voorst: London. i-xxxiii + 89 pp.
- Smith, W. (1856) - A Synopsis ... II.  
J. van Voorst: London. i-xxix + 104 pp.
- Sneath, P.H.A. & Sokal, R.R. (1973) - Numerical Taxonomy - the principles and practice of numerical classification.  
Freeman & Co.: San Francisco. i-xv + 573 pp.
- Sokal, R.R. & Crovello, T.J. (1970) - The Biological Species Concept: a critical evaluation.  
Am. Nat. 104: 127-153, reproduced in C.N. Slobodchikoff (ed.) 'Concepts of Species' (q.v.).
- Sovereign, H.E. (1958) - The Diatoms of Crater Lake, Oregon.  
Trans. Am. microsc. Soc. 79: 96-134.
- Sovereign, H.E. (1963) - New and Rare Diatoms from Oregon and Washington.  
Proc. Calif. Acad. Sci., 4th Ser. 31: 349-368.
- Sparrow, F.K. (1960) - Aquatic Phycomycetes. 2nd Edtn.  
University of Michigan Press: Ann Arbor. 1187 pp.
- Stafleu, F.A. & Voss, E.G. (1975) - Synopsis of Proposals on Botanical Nomenclature, Leningrad 1975.  
Taxon 24: 201-254.
- Stearn, W.T. (1966) - Botanical Latin: History, Grammar, Syntax, Terminology and Vocabulary.  
Nelson: London & Edinburgh. i-xiv + 566 pp.
- Stebbins, G.L. (1950) - Variation and Evolution in Plants.  
Columbia University Press. i-xx + 643 pp.
- Tippit, D.H. & Pickett-Heaps, J.D. (1977) - Mitosis in the pinnate diatom Surirella ovalis.  
J. Cell. Biol. 73: 705-727.
- Tschermak-Woess, E. (1953) - Über auffallende Strukturen in den Pyrenoiden einiger Naviculoideen.  
Österr. bot. Z. 100: 160-178.
- Van der Werff, A. & Huls, H. (1957- ) - Diatomeënflora van Nederland.  
Vols. 1-10, continuing.
- Van Goor, A. (1925) - Über Nitzschia actinastroides (Lemm.).  
Recl. Trav. bot. néerl. 22: 320-323.
- Van Heurck, H. (1880-5) - Synopsis des diatomées de Belgique.  
Atlas, pl.1-30 (1880); pl.31-77 (1881); pl.78-103 (1882); pl.104-132 (1883); pl.A.B.C. (1885). Ducaju & Cie: Anvers.  
Table Alphabetique. 120 pp. J.F. Dieletjens: Anvers. (1884).  
Texte. 235 pp. Brouwers & Co.: Anvers. (1885).
- Van Heurck, H. (1896) - A Treatise on the Diatomaceae, transl. W.E. Baxter.  
W.Wesley & Son: London. i-xx + 538 pp.

- Van Landingham, S.L. (1967) - Catalogue of the Fossil and Recent Genera and Species of Diatoms and their Synonyms I.  
J.Cramer: Lehre. 1-493.
- Van Landingham, S.L. (1969) - Catalogue ... III.  
J.Cramer: Lehre. 1087-1756.
- Van Landingham, S.L. (1971) - Catalogue ... IV.  
J.Cramer: Lehre. 1757-2385.
- Voigt, M. (1942) - Les Diatomées du Parc de Kou-Ka-Za dans la concession Francaise de Shanghai.  
Notes Bot. chin. 3: 1-126.
- Voigt, M. (1943) - Sur certaines irrégularités dans la structure des Diatomées.  
Notes Bot. chin. 4: 1-50.
- Voigt, M. (1956) - Sur certaines irregularites dans la structure des Diatomees.  
Revue algol., N.S. 2: 85-97.
- Voigt, M. (1962) - Un cas intéressant de défauts de striation d'une Diatomée.  
Revue algol., N.S. 6: 117-119.
- Von Schönfeldt, H. (1913) - Bacillariales (Diatomeae).  
In A.Pascher (ed.) 'Die Süßwasser-Flora Deutschlands, Österreichs und der Schweiz' 10. 187 pp.  
G.Fischer: Jena.
- Von Stosch, H.A. (1951) - Entwicklungsgeschichtliche Untersuchungen an zentrischen Diatomeen I. Die Auxosporenbildung von Melosira varians.  
Arch. Mikrobiol. 16: 101-135.
- Von Stosch, H.A. (1956) - Entwicklungsgeschichtliche Untersuchungen ... II. Geschlechtszellenreifung, Befruchtung und Auxosporenbildung einiger grundbewohnender Biddulphiaceen der Nordsee.  
Arch. Mikrobiol. 23: 327-365.
- Von Stosch, H.A. (1958) - Kann die oogame Araphidee Rhabdonema adriaticum als Bindeglied zwischen den beiden grossen Diatomeengruppen angesehen werden?  
Ber. dt. bot. Ges. 71: 241-249.
- Von Stosch, H.A. (1975) - An Amended Terminology of the Diatom Girdle.  
Nova Hedwigia, Beih. 53: 1-28.
- Von Stosch, H.A. (1977) - Observations on Bellerochea and Streptotheca, Including Descriptions of Three New Planctonic Diatom Species.  
Nova Hedwigia, Beih. 54: 113-166.
- Von Stosch, H.A. & Drebes, G. (1964) - Entwicklungsgeschichtliche Untersuchungen ... IV. Die Planktondiatomee Stephanopyxis turris - ihre Behandlung und Entwicklungsgeschichte.  
Helgoländer wiss. Meeresunters. 11: 209-257.

Von Stosch, H.A., Theil, G. & Kowallik, K.V. (1973) - Entwicklungs-geschichtliche Untersuchungen ... V. Bau und Lebenszyklus von Chaetoceros didymum, mit Beobachtungen über einige andere Arten der Gattung.

Helgoländer wiss. Meeresunters. 25: 384-445.

Voss, E.G. (1976) - XII International Botanical Congress: Mail Vote and Final Congress Action on Nomenclature.  
Taxon 25: 169-210.

Walker-Arnott, G. (1858) - On Arachnoidiscus.  
Q. Jl. microsc. Soc. 6: 159-165.

Webster, J. (1970) - Introduction to Fungi.  
Cambridge University Press. i-viii + 424 pp.

Wiedling, S. (1943) - Die Gültigkeit der MacDonald-Pfizerschen Regel bei der Diatomeengattung Nitzschia.  
Naturwissenschaften 31: 115- .

Wiedling, S. (1948) - Beiträge zur Kenntnis der vegetativen Vermehrung der Diatomeen.  
Bot. Notiser 3: 322-354.

Williams, R.B. (1965) - Unusual motility of tube dwelling pennate diatoms.  
J. Phycol. 1: 145-146.

Woodhead, N. & Tweed, R.D. (1960) - Freshwater Algae of Sierra Leone 3. The Algae of Rokupr and Great Scarcies River.  
Revue algol., N.S. 5: 116-149.

Zoto, G.A., Dillon, D.O. & Schichtling, H.E. Jnr. (1973) - A rapid method for clearing diatoms for taxonomic and ecological studies.  
Phycologia 12: 69-70.