

The Algae of New Jersey (U.S.A.)
II. Euglenophyta (Euglenoids)

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The following checklist is the second in a series concerning the presence and distribution of algae in the state of New Jersey (see Foote, 1982 for introductory remarks).

Again, the genera are arranged alphabetically and locations within them are chronological to aid the researcher in tracking environmental changes in distribution. Ecological information is given to the extent available and further information may be obtained from the original literature source. If no citation is given, the species was noted by the author.

Euglenophyta

Euglenoids

Cryptoglana pigra Ehr.

Delaware-Raritan Canal, Feb (Renlund, 1953)

Entosiphon sulcatum (Duj.) Stein

Pine Barrens (Moul & Buell, 1979)

Euglena acus Ehr.

Delaware-Raritan Canal, Aug (Renlund, 1953); ponds and streams in Helmetta (Moul & Buell, 1979); Hackensack River

Euglena acutissima Lemm.

Delaware-Raritan Canal, Aug (Renlund, 1953)

Euglena deses ehr.

northern shore (Olsen & Cohn, 1979)

Euglena ehrenbergii Klebs

northern shore (Olsen & Cohn, 1979)

Euglena elongata Schwiakoff

bog and pond at Helmetta (Moul & Buell, 1979)

Euglena gracilis Klebs

Helmetta (Moul & Buell, 1979)

Euglena mutabilis Schmitz.

Delaware-Raritan Canal, May to Dec (Renlund, 1953); bogs, swamps and ponds in the Pine Barrens (Moul & Buell, 1979); northern shore (Olsen & Cohn, 1979)

Euglena proxima Dangeard

northern shore (Olsen & Cohn, 1979)

- Euglena pumila Campbell
northern shore (Olsen & Cohn, 1979)
- Euglena sociabilis Dangeard
Delaware-Raritan Canal, Sept (Renlund, 1953)
- Euglena spirogyra Ehr.
pond at Helmetta (Moul & Buell, 1979)
- Euglena tripteris (Duj.) Klebs
northern shore (Olsen & Cohn, 1979)
- Euglena viridis Ehr.
common in stagnant waters (Britton, 1889); northern shore (Olsen & Cohn, 1979)
- Euglena veriformis Carter
northern shore (Olsen & Cohn, 1979)
- Eutreptia lanowii Steuer
northern shore (Olsen & Cohn, 1979)
- Eutreptia viridis Perty
northern shore (Olsen & Cohn, 1979)
- Eutreptiella marina daCanha
northern shore (Olsen & Cohn, 1979)
- Peranema trichophorum (Ehr.) Stein
Helmetta (Moul & Buell, 1979)
- Phacus crenulata Presc.
pond at Helmetta (Moul & Buell, 1979)
- Phacus longicauda (Ehr.) Duj.
Delaware-Raritan Canal, June-Feb (Renlund, 1953); bogs and pond at Helmetta (Moul & Buell, 1979)
- Phacus pleuronectes (O.F. Mull.) Duj.
ponds and streams in Pine Barrens (Moul & Buell, 1979)
- Phacus pyrum (Ehr.) Stein
ponds and streams in Pine Barrens (Moul & Buell, 1979)
- Trachelomonas armata (Ehr.) Stein
pond at Helmetta (Moul & Buell, 1979)
- Trachelomonas euchlora (Ehr.) Lemm.
Hackensack River
- Trachelomonas hispida (Perty) Stein
Hackensack River
- Trachelomonas horrida Palm.
Pine Barrens (Moul & Buell, 1979)
- Trachelomonas intermedia Dangeard
northern shore (Olsen & Cohn, 1979)
- Trachelomonas lacustris Drezepolski
pond at Helmetta (Moul & Buell, 1979)
- Trachelomonas superba (Swir.) Defl.
pond at Helmetta (Moul & Buell, 1979)
- Trachelomonas volvocina Ehr.
Delaware-Raritan Canal, May-Mar (Renlund, 1953); bogs and swamps in Pine Barrens (Moul & Buell, 1979)

References

Britton, N.L. 1889. Catalogue of Plants Found in New Jersey. Final Report of the State Geologist, Vol. II. John L. Murphy Publishing Co., Trenton, N.J. 612 pp.

Foote, M.A. 1982. The algae of New Jersey (U.S.A.). I. Chrysophyta (Yellow-Green Algae). Xanthophyceae, Chrysophyceae and Prymnesiophyceae. *Phytologia* 50:311-16

Moul, T.E. and H.F. Buell. 1979. Algae of the Pine Barrens. In: R.T.T. Forman, Editor, Pine Barrens: Ecosystem and Landscape. Academic Press, Inc. New York. 601 pp.

Olsen, P. and M. Cohn. 1979. Phytoplankton in lower New York Bay and adjacent New Jersey estuarine and coastal waters. *Bull. N.J. Acad. Sci.* 24:59-69

Renlund, R.W. 1953. A study of the net plankton of the Delaware and Raritan Canal. Ph.D. Thesis. Rutgers University. New Brunswick, N.J.



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