

## Darbaker Prize Committee Report 2006

The committee consisted of Linda Graham and Martha Cook (defacto chair, in absence of Annette Coleman, who retired).

The solicitation for nominations was sent out electronically to members of the BSA and to the Phycological Society of America. Only one nomination was received. The committee unanimously agreed that the nominee met the criterion of meritorious work in the study of microalage during the last 2 calendar years (2004-2005), published in English. Delwiche is at the University of Maryland, located in College Park, Maryland. He is recognized for his work on a wide variety of algae, resulting in significant contributions to the literature in many fields. These fields include: molecular sytematics and genetics of green algae and dinoflagellates, genomics of microalgae, molecular evolution of microalgae, and structure and function of microalgae.

The following papers from the previous two years were nominated:

Drummond CS. Hall J. Karol KG. Delwiche CF. McCourt RM. 2005. Phylogeny of *Spirogyra* and *Sirogonium* (Zygnematophyceae) based on rbcL sequence data. *Journal of Phycology* 41(5):1055-1064.

Bachvaroff TR. Puerta MVS. Delwiche CF. 2005. Chlorophyll c-containing plastid relationships based on analyses of a multigene data set with all four chromalveolate lineages. *Molecular Biology & Evolution* 22(9):1772-1782.

McCourt RM. Delwiche CF. Karol KG. 2004. Charophyte algae and land plant origins. *Trends in Ecology & Evolution* 19(12):661-666.

Delwiche CF. 2004. The genomic palimpsest: Genomics in evolution and ecology. *Bioscience* 54(11):991-1001.

Johnson MD. Tengs T. Oldach DW. Delwiche CF. Stoecker DK. 2004. Highly divergent SSU rRNA genes found in the marine ciliates *Myrionecta rubra* and *Mesodinium pulex*. *Protist* 155(3):347-359.

Puerta MVS. Bachvaroff TR. Delwiche CF. 2004. The complete mitochondrial genome sequence of the haptophyte *Emiliania huxleyi* and its relation to heterokonts. *DNA Research* 11(1):1-10.

Bachvaroff TR. Concepcion GT. Rogers CR. Herman EM. Delwiche CF. 2004. Dinoflagellate expressed indicate massive transfer to the nuclear genome sequence tag data of chloroplast genes. *Protist* 155(1):65-78.