

550 Forgotten Protist Species: The Monographs by Abbé E. Dumas

During the period 1929–1937, Abbé E. Dumas, a French amateur protistologist and “Membre Correspondant des Académies de Clermont-Ferrand et de Dijon”, published three books in which he described and figured about 550 (!) new species, mainly ciliates from various biotopes of the French Massif Central. Unfortunately, these monographs were completely ignored by later scientists and revisers. Although the first volume was indexed by the Zoological Record in the year 1931, the new species and volumes 2 and 3 were not. Thus, many homonyms and synonyms, which must be cleared by detailed revisions, have been produced later. As far as I understand the ICZN, Dumas’ names cannot be considered as *nomina oblita*, because most of the junior synonyms and homonyms do not satisfy Article 79 (c)(2), i.e. were not applied by at least 5 different authors in at least 10 publications during the past 50 years. Furthermore, at least some of the taxa described look like new, “good” species, e.g. *Vorticella vaginata*; most, however, are very likely synonyms of previously described species or *species indeterminata* (fragments of hypotrichs etc.). To avoid further homonymies and synonymies, I provide a list of Dumas’ nominal taxa.

Ciliates

Acineta biligula
caliculicola
elaverina
(globator) mystacina
semiorbis
tubicola
Amphileptus curvicollis
gulosus
hirsutus
longissimicollis
ovalis
spirostomiformis
truncatus
Aspidisca bicornis
longipes
zonata
Blepharisma albicans
caudatus
ovalis
Bursaria caudata
hiascens
minuta
serica
Carchesium bipartitum
duplex
longipes
margaritatum
palnigeniae
Chaetospora anguifrons
vaginicola

Chilodon fungicola
lucidibilis
muscorum
vorax
Clamidodon stagnalis
Cothurnia camura
exilis
pediculata
radicosa
reniformis
scyphoides
vorticelloides
vulgaris
Dileptus acutus
aduncus
arcuatus
biacuta
bicaudatus
bicornis
bicristatus
brachiatus
cavicaudus
cilunculus
cinereus
clavipes
corniculatus
costatus
crispatus
cristatus
cuspidatus
cylindroides
diaphanus

decorus
ectromeloïdes
exiguus
falciformis
fastigiatus
gibbosus
gonophyllus
gulosus
helicoïdes
hians
lacrymarioïdes
limbatus
lineatus
marginellus
minimus
orbicularis
paradoxus
pistillaris
reclinis
resplendens
sinuosus
subcylindroides
submarginatus
torquescens
truncatus
vitreus
Enchelyodon cylindricus
Enchelys cadaverinus
cylindrica
elongata
major
Epistylis arcuata
articulata
azelicola
campanella
cauliculus
cerviciformis
coarctata
collariata
complanata
corymbosus
dupla
exilipes
fastigata
fastibilis
flabelliformis
flectens
gemella
inclinans
laxipes
longipes
mirandella
naidicola
ovalis
parvannulata
plicatiliior
podurae
regularis
solitaria
subcylindrica

tornatilis
vaginata
verticillata
Euplotes bicornis
camurus
Frontonia acutissima
lacrimula
longaria
piriformis
undulata
vesiculosa
Glaucoma curvifrons
laterimarginata
limbata
sinuosa
subrotondata
Holophrya acuta
becciformis
caudata
cucurbita
labiata
limbata
setigera
Kerona absidata
anfracta
arcuata
becciformis
bicaudata
bipes
calvaeformis
caudata
congyrans
cuneata
curvata
cylindrica
diademata
epalxiiformis
extuberans
mamillata
ondulata
ovata
rostrata
subrotondata
tremula
truncata
unguicularis
Lacrymaria actinoboliformis
elegans
globulosa
lagenulaeformis
tenuicula
Lembadion caudatum
concavum
discoïdes
luteolum
oliva
ovale
ovulaeformis
rostratum
sinuosum

- subrotundatum*
triqueter
volvulaeformis
Lionotus torquesens
Loxophyllum crassum
elaverinum
elongatum
fastigatum
longicolis
Microthorax costatus
Metopus lineolus
Nassula discoidea
elongata
rostrata
rubescens
Oxytricha arcuata
acuminata
barbula
becciformis
cornipes
cornuta
curta
ephippioides
exociformis
galeata
gyrinioides
labiata
lacerata
lacrimula
longipes
luteolucens
oblonga
obtusata
pisciunculiiformis
pistilloides
pleuronectes
praeceps
proboscis
rostrata
stratiformis
subcylindrica
Panophrys encarpa
Paramecium acutum
biumbonatum
cordiformis
cucumula
ellipsoides
elongatum
marginatum
orbiculare
patella
rostratum
scutellinum
sinuosum
subradiatum
viridis
Phacodium truncatum
Phyalina minuta
minutula
parva
Pistillarina bulbosa
branchipi
clavipes
cohoeresa
confluens
coronata
- cuspidipes*
cylindrica
gracilipes
inclinans
pectinata
radicosa
spicula
turbinata
Planicola acuminata
annulata
beciformis
bianmulata
cincta
corneola
cornucupioïdes
costata
cracens
crassa
cyclopsinae
dauciformis
discoïdes
elator
excelsa
exilis
flexuosa
fusipes
giroflexa
infundibuliformis
macropa
mollis
nana
oliva
ovata
parva
physaloïdes
planorbicola
procera
pusilla
quieta
repanda
scorponioïdes
tenuicula
timida
trifida
trigaria
turgida
valvata
ventosa
viridis
vorticelloïdes
Ploesconia monostylus
torquesens
Prorodon cylindricus
exilis
reticulatus
sphaeroïdes
Scyphidia amphoroïdes
coronalis
craterellus
cyclopiscola
cypris
delphinicola
dixoecola
fasticens
gammaricola
inquilina
- odontides*
ophidonaïs
periscelis
planorbicola
podurae
polyphonicola
posternans
slavinicola
turbinata
urnulea
vorticelloïdes
Solenophrya crumilla
Spathidium minimum
Sphaerophrya discoïdes
fixa
nigra
oblongua
orbiculata
pyriformis
quadripartita
rotundata
Spirostomum bifidum
cylindricum
Stentor bilineatus
clavipes
curtus
elegans
inhabitor
Stichochaeta cornuta
cylindrica
exilis
tricornuta
Stylocola binodosa
bipes
cerviciformis
cothurniaeformis
cuspidata
exilipes
filopes
glutiniscola
plexipes
striatula
tenella
valvata
venustula
Stylonychia anfracta
auriformis
bicaudatus
cornifrons
dupla
ellipsoïdes
excavata
fastigiata
frontealbans
frontosus
globifrons
labiata
limbiformis
mamillata
massula
membranaceus
mutabunda
octonistylus
reclinis
rostrata
trochiformis
- viridis*
Trachelophyllum curvicaule
elegans
exile
filum
grande
lineola
parvum
Trichophrya fixa
limax
pistillaris
viridis
Tricodon biuncinatus
Vaginicola amadelpha
calceola
crassa
cristata
galericulata
gracilis
parva
solitaria
undata
Vorticella annulata
bipartita
cacabuoïdes
chamaeleontina
cinctula
confluens
constricta
convalaria dejecta
corrugis
craterella
cupularis
cupulifera
curvifrons
curvipes
cyatiformis
dejecta
elegans
elongata cinctulata
extinctoria
extuberrans
filopes
flexipes
geminata
gyrans
hirsuta
inclinata
incurva
inflata
inflexa
invaginata
laxipes
lutea
nigra
ondulata
parvula
plicatula
plicosa
pusilla
pyxidata
regularis
repanda
rotundata
rugata
sagittaricola

spherooides
subcylindrica
supina
sureta
tenuis
tornatilis
tripartita
turbinata
umbilicola
vaginata
ventosa
Zoothamnium caulodes
charae
conchulaecola
congermanum
congerminale
corymbiformis
elegantissimum
fasciculare
gemmans
helicaecola
latipes
timidum

Naked amoebae

Amoeba diffluens
discoïdes
fastigiata
Trichamoeba flexipes
ondulata
radiosa
trigemnis
umbella
Thecamoeba circita
quinquepartita

Testate amoebae

Arcella bicornis
cuspidata
discoïdes
ovalis
radiata
radiatula
rotundata
spinosa
tricornis
Diffugia clypeata
cyatiformis
cylindrica
echinopyxis
oblonga
seriata
spiralis
Pseudochlamys cinereus
pellucidus
reticulatus

Heterotrophic flagellates

Astasia minima
Ciliopraeflagellatum circelatum
crumilla
tubulum
urnula
Cilioretroflagellatum ovale
orbiculatum
reniculum
utriculum
vasicola
Cyclomonas distorta
Dendromonas corymbiformis
suffrutescens
virgaria
Mastigamoeba caudata
palustris
Monas costata
sinuosa
triqueter
uvella
Rhipidodendron palmatum
Stylombrion insignis
Trimastrix elaverinus
Uvella applicata
fimbriata
pediculata
vesiculosa

Coloured flagellates

Chloropeltis hirtus
Eudorina dentata
rotella
Euglena acus acutissima
fusiformis
spirogyra limbata
Gonium corona
Pandorina glomerabilis
hirsutella
quaterna
simplex
Phacotus lenticularis
Phacus cinctus
semilunaris
sigmoïdes longicauda

References

- Dumas E. (1929): Les microzoaires ou infusoires proprement dits. Faune du centre. 1^{er} fascicule. Moulins ("les imprimeries réunies"), 215 pp. + XXXIV planches with 500 figures.
 Dumas E. (1930): Les microzoaires ou infusoires proprement dits. Faune du centre. 2^e fascicule. Moulins ("les imprimeries réunies"), 166 pp. + XXXII planches with 500 figures + 1 p. addenda.
 Dumas E. (1937): Les microzoaires ou infusoires proprement dits. Faune du centre. 3^e fascicule. Moulins ("les imprimeries réunies"). 78 pp. + LVIII planches with 150 figures.
 These books can be lent from the Bibl. du Muséum d'Hist. Natur., Paris, or from the Bibl. de l'Institut de France (signature 8° X 999*).

W. Foissner, Salzburg, Austria

May 22nd – 27th, 1995: 4th International Chrysophyte Symposium

This meeting will take place in Copenhagen. For details contact Dr. Jorgen Kristiansen, Botanical Institute, Department of Phycology, Oster Farimagsgade 2D, 1353 Copenhagen K, Denmark; FAX (45) 35 32 23 21.

May 29th – 31st, 1995: Euroconference on the Experimental Biology of *Chlamydomonas*

The contact address of this conference, which will take place in Amsterdam, The Netherlands, is: Dr. H. van den Ende, BioCentrum Amsterdam, Kruislaan 318, 1980 SM Amsterdam, The Netherlands; FAX (31) 20 525 7934, email: CHLAMY@SARA.NL.

July 2nd – 7th, 1995: Ciliate Molecular Biology Meeting

The meeting place is Copper Mountain, Colorado, USA. The meeting is one of the FASEB summer research conferences for 1995. Contact Dr. J. Forney, 1153 Biochemistry Building, Purdue University, West Lafayette, IN 47907-1153, USA, e-mail: forney@biochem.purdue.edu, or Dr. C. Greider, Cold Spring Harbor Labs, Delbruck Building, Cold Spring Harbor, NY 11724, USA, e-mail: greider@cshl.org.

July 21st – 27th, 1995: 2nd European Congress of Protozoology and 8th European Conference of Ciliate Biology

This Congress/Conference will be held in Clermont-Ferrand, France. Contact Dr. C. A. Groliere or Dr. G. Brugerolle, Laboratoire de Biologie des Protistes, Université Blaise Pascal de Clermont-Ferrand, F-63177 Aubière Cedex, France. Tel: (33) 73 40 74 54 or (33) 73 40 74 79; FAX: (33) 73 40 76 70.