

Table II. Spontaneous MN frequencies in erythrocytes (MN/1000 cells) from different fish species under laboratory condition and in the field

Species	MN per 1000 cells	References
<i>Carassius auratus</i>	0.18; 0.0	Ueda <i>et al.</i> (71)
	0.26	Anitha <i>et al.</i> (72)
	2.26	Cavas (64)
	3.17	Cavas and Könen (73)
<i>Carassius auratus gibelio</i>	4.5–6.6	Al-Sabti (74)
	13; 10; 5.2	Al-Sabti <i>et al.</i> (75)
<i>Carassius</i> sp	1.8	Hayashi <i>et al.</i> (54)
<i>Channa punctatus</i>	0.02	Kumar <i>et al.</i> (76)
	0.028–0.048	Ali <i>et al.</i> (69)
	0.72–4.11	Farah <i>et al.</i> (77)
<i>Cheirodon interruptus interruptus</i>	0.0–1.0	Campana <i>et al.</i> (78)
<i>Clarias batrachus</i>	0.47–3.95	Ateeq <i>et al.</i> (79)
<i>Clarias lazera</i>	0.31	Odeigah and Osanyinpeju (80)
<i>Cyprinus carpio</i>	0.02	Gustavino <i>et al.</i> (65)
	0.03	Landolt and Kocan (81)
	0.3–0.5	Buschini <i>et al.</i> (82)
	0.52	Llorente <i>et al.</i> (83)
	0.9	Grisolia and Starling (68)
	1.2	Nepomuceno <i>et al.</i> (84)
	3.5	Kim and Hyun (85)
<i>Esox lucius</i>	6.2	Al-Sabti (86)
	5.3	Al-Sabti (87-88)
<i>Genyonemus lineatus</i>	0.8	Hose <i>et al.</i> (89); Carrasco <i>et al.</i> (61)
<i>Ictalurus nebulosus</i>	0.14	Metcalfe (90)
<i>Misgurnus anguillicaudatus</i>	1.6	Hayashi <i>et al.</i> (54)
<i>Odontobutis obscura obscura</i>	2.3	Hayashi <i>et al.</i> (54)
<i>Oncorhynchus mykiss</i>	0.12	Castano <i>et al.</i> (91)
	0.181	Ayllon and Garcia-Vazquez (92)
	0.33	De Flora <i>et al.</i> (93)
	1	Schultz <i>et al.</i> (94)
	1.12	Marlasca <i>et al.</i> (95)
	2.5	Kim and Hyun (85)
	0.006	Hoshina <i>et al.</i> (96)
<i>Oreochromis niloticus</i>	0.21	Barbosa <i>et al.</i> (97)
	0.8	Grisolia and Starling (68)
	1.72	Cavas and Ergene-Gozukara (98)
	2.02	Cavas and Könen (70)
	15.8–17.2	Cavas and Ergene-Gozukara (99)
<i>Paralabrax clathratus</i>	0.8	Hose <i>et al.</i> (89)
<i>Perca fluviatilis</i>	10–9	Tuvikene <i>et al.</i> (100)
<i>Pholis gunnellus</i>	1	Bombail <i>et al.</i> (101)
<i>Phoxinus phoxinus</i>	0.3–0.7	Ayllon and Garcia-Vazquez (66)
<i>Poecilia latipinna</i>	0–0.4	Ayllon and Garcia-Vazquez (66)
<i>Pseudopleuronectes americanus</i>	0–1.30	Hughes and Hebert (12)
<i>Rutilus rutilus</i>	13–3	Tuvikene <i>et al.</i> (100)
<i>Salmo trutta</i>	0.4–2.3	Ayllon <i>et al.</i> (102)
<i>Salmo trutta fario</i>	2.8–0.75	Belpaeme <i>et al.</i> (103)
<i>Umbra limi</i>	0.14	Metcalfe (90)
<i>Umbra pygmaea</i>	0.0	Hooftman and de Raat (60)