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Selectivity of research driftnet for blue shark Prionace glauca in the Northwest Pacific

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Table 1 Measurement of mesh size and mesh size combinations

Nominal mesh size (mm)	Number of panels			Stretched inner mesh length (mm)	
	1999, 2000, 2009	2001-2008	2010-2013	mean	(SEM)
22		2		22.02	(0.067)
29		1		27.58	(0.068)
37		1	2	36.13	(0.062)
48	3	3	3	45.52	(0.094)
55	3	3	3	52.89	(0.065)
63	3	3	3	60.63	(0.067)
72	3	3	3	69.42	(0.114)
82	3	3	3	79.21	(0.052)
93	3	3	3	90.37	(0.058)
106	3	3	3	104.30	(0.066)
121	3	3	3	117.79	(0.076)
138	3	3	3	135.28	(0.091)
157	3	3	3	152.43	(0.094)
115	20	16	18	111.71	(0.064)

Drift net of 115 mm mesh size was commercially used for catching salmon.

Fifty meshes were measured for each mesh size.

SEM, Standard error of mean.

Table 2 Curve parameters and AIC values

		Normal	Log-normal
Curve parameters			
R_0	(SE)	5.03 (0.37)	5.83 (0.09)
σ	(SE)	3.43 (0.35)	0.31 (0.02)
AIC		2865.8	2739.0

SE, Standard error.

Table 3 Regression lines between precaudal length and girth at each body position

Regression equation	Coefficient of determination
$G_m = 0.250l + 40.3$	0.74
$G_p = 0.420l - 11.0$	0.90
$G_{max} = 0.469l - 24.9$	0.84
$G_d = 0.441l - 20.1$	0.85

l, precaudal length (mm).
G_m, girth (mm) at the posterior end of mouth aperture.
G_p, girth (mm) at the anterior end of the base of pectoral fin.
G_{max}, maximum girth (mm).
G_d, girth (mm) at the anterior end of the base of the first dorsal fin.