

Table S1. Distribution pattern of different species of Genus *Thrissina* along the East and West coast states of India (1966 to 2023).

		East Coast of India: Bay of Bengal					West Coast of India: Arabian Sea				
Sl.No.	Species	WB	AN	AP	TN	OD	KL	MH	KT	GJ	GO
<i>Genus: Thrissina</i>											
1	<i>Thrissina baelama</i> (Forsskal, 1775)	-	+	-	-	-	-	-	-	-	-
2	<i>Thrissina cultella</i> Hata and Motomura, 2019	-	-	+	+	-	-	-	-	-	-
3	<i>Thrissina dayi</i> (Wongratana, 1983)	-	-	-	+	-	+	+	+	-	-
4	<i>Thrissina dussumieri</i> (Valenciennes, 1848)	+	-	+	+	+	+	+	+	+	+
5	<i>Thrissina encrasicholoides</i> (Bleeker, 1852)	-	+	-	+	-	-	-	-	-	-
6	<i>Thrissina gautamiensis</i> (Babu Rao, 1971)	+	-	+	-	+	-	-	-	-	*
7	<i>Thrissina hamiltoni</i> (Gray, 1835)	+	+	+	+	+	+	+	+	+	-
8	<i>Thrissina kammalensis</i> (Bleeker, 1849)	+	-	-	-	+	-	-	-	-	-
9	<i>Thrissina kammalensoides</i> (Wongratana, 1983)	-	-	+	-	+	-	-	-	-	-
10	<i>Thrissina malabarica</i> (Bloch, 1795)	+	+	+	+	+	+	+	+	+	+
11	<i>Thrissina mystax</i> (Bloch and Schneider, 1801)	+	+	+	+	+	+	+	+	+	-
12	<i>Thrissina polybranchialis</i> (Wongratana, 1983)	-	-	+	+	+	-	+	+	-	-
13	<i>Thrissina purava</i> (Hamilton, 1822)	+	-	+	+	+	+	+	+	+	+
14	<i>Thrissina serena</i> Hata and Motomura,2019	-	-	-	-	-	-	-	-	+	-
15	<i>Thrissina setirostris</i> (Broussonet, 1782)	-	+	+	+	+	+	+	+	+	-
16	<i>Thrissina spinidens</i> (Jordan and Seale, 1925)	+	-	-	-	-	-	-	-	-	-
17	<i>Thrissina stenosoma</i> (Wongratana, 1983)	+	-	+	-	+	-	-	-	-	-
18	<i>Thrissina vitrirostris</i> (Gilchrist and Thompson, 1908)	+	-	+	+	+	+	+	+	+	+
	Total	10	6	11	11	12	8	9	9	7	5

Note: AN = Andaman; AP = Andhra Pradesh; GJ = Gujarat; GO = Goa; KL = Kerala; KT = Karnataka; MH = Maharashtra; OD = Odissa; P = Puducherry; TN = Tamil Nadu; WB = West Bengal; + indicates presence of a particular species; - indicates absence; * indicates present report.

Table S2. Distribution pattern of different species of Genus *Stolephorus* along the East and West coast states of India (1993 to 2023).

		East Coast of India: Bay of Bengal					West Coast of India: Arabian Sea					
Sl. No.	Species	WB	AN	AP	P	OD	TN	GO	KL	GU	MH	KAR
<i>Genus: Stolephorus</i>												
1	<i>Stolephorus andhraensis</i> Babu Rao, 1966	-	-	+	+	-	-	-	-	-	-	-
2	<i>Stolephorus baweanensis</i> Hardenberg, 1933	-	+	-	-	-	+	-	+	-	+	+
3	<i>Stolephorus bengalensis</i> (Dutt and Babu Rao, 1959)	-	-	+	-	+	-	+	-	+	+	-
4	<i>Stolephorus dubiosus</i> Wongratana, 1983	-	-	-	-	+	-	-	-	-	-	-
5	<i>Stolephorus hindustanensis</i> Hata and Motomura, 2022	-	-	-	-	-	-	-	-	-	+	-
6	<i>Stolephorus indicus</i> (van Hasselt, 1823)	-	-	-	+	+	-	-	+	+	+	-
7	<i>Stolephorus mercurius</i> Hata, Lavoué and Motomura, 2021	-	-	-	-	+	-	-	-	-	-	-
8	<i>Stolephorus rex</i> Jordan and Seale, 1926	-	-	-	-	-	-	-	+	-	-	-
9	<i>Stolephorus tamilensis</i> Gangan, Pavan-Kumar, Jahageerdar and Jaiswar, 2020	-	-	-	-	-	+	*	-	-	-	-
10	<i>Stolephorus taurus</i> Hata, Lavoue and Motomura, 2022	+	-	-	-	-	-	-	-	-	-	-
11	<i>Stolephorus tri</i> (Bleeker, 1852)	-	+	-	-	-	-	-	+	-	-	-
	Total	1	2	2	2	4	2	2	4	2	5	1

Note: AN = Andaman; AP = Andhra Pradesh; GJ = Gujarat; GO = Goa; KL = Kerala; KT = Karnataka; MH = Maharashtra; OD = Odissa; P = Puducherry; TN = Tamil Nadu; WB = West Bengal; + indicates presence of a particular species; - indicates absence; * indicates present report.

Table S3. Comparison between number of anal-fin rays and gill raker on lower limb of first gill arch of different species of *Thrissina* recorded in Indian waters and also comparison between number of gill rakers on lower limb of first gill arch of species of *Stolephorus* recorded from Indian waters. (Gangan *et al.*, 2020; Rao, 1971; Talwar and Kacker, 1984).

<i>Thrissina</i>		
Species	Anal Fin Rays	Gill rakers on lower limb of first gill arch
<i>Thrissina baelama</i> (Forsskal, 1775)	29–34	18–26
<i>Thrissina cultella</i> Hata and Motomura, 2019	31–34	21–23
<i>Thrissina dayi</i> (Wongratana, 1983)	41–46	14–18
<i>Thrissina dussumieri</i> (Valenciennes, 1848)	29–37	17–19
<i>Thrissina encrasicholoides</i> (Bleeker, 1852)	24–28	20–21
<i>Thrissina gautamiensis</i> (Babu Rao, 1971)	36–43	17–20
<i>Thrissina hamiltoni</i> (Gray, 1835)	32–39	11–15
<i>Thrissina kammalensis</i> (Bleeker, 1849)	30–33	26–32
<i>Thrissina kammalensoides</i> Wongratana, 1983	31–32	24–25
<i>Thrissina malabarica</i> (Bloch, 1795)	35–38	17–19
<i>Thrissina mystax</i> (Bloch and Schneider, 1801)	29–37	14–16
<i>Thrissina polybranchialis</i> Wongratana, 1983	35–38	25–27
<i>Thrissina purava</i> (Hamilton, 1822)	38–44	17–21

<i>Thryssina serena</i> (Hata and Motomura, 2019)	34–36	20–24
<i>Thryssina setirostris</i> (Broussonet, 1782)	34–37	10–12

Stolephorus

Species	Gill rakers on lower limb of first gill arch	
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<i>Stolephorus andhraensis</i> Babu Rao, 1966	<22	
<i>Stolephorus bengalensis</i> (Dutt and Babu Rao, 1959)	23–27	
<i>Stolephorus mercurius</i> Hata, Lavoué and Motomura, 2021	24–28	
<i>Stolephorus rex</i> Jordan and Seale, 1926	22–24	
<i>Stolephorus baweanensis</i> Hardenberg, 1933	14–17	
<i>Stolephorus indicus</i> (van Hasselt, 1823)	20–28	
<i>Stolephorus dubiosus</i> Wongratana, 1983	25–31	
<i>Stolephorus tamilensis</i> Gangan, Pavan-Kumar, Jahageerdar and Jaiswar, 2020	25–28	
<i>Stolephorus taurus</i> Hata, Lavoue and Motomura, 2022	25–29	
<i>Stolephorus tri</i> (Bleeker, 1852)	18–24	
<i>Stolephorus hindustanensis</i> Hata and Motomura, 2022	24–27	
