

Stage Name	Gosner Stage (G); Gosner, 1960	<i>M. fissipes</i> Stage (S); Wang et al., 2017	Xenopus Stage (NF) Nieuwkoop and Faber, 1956	Trait description	
				Other anurans	Xenopus
Limb bud I	26	29	46-48		Appearance of the hindlimb bud
Limb bud II	27	30	49		Hindlimb bud longer, distal outline still circular, length of hind limb=1/2 width
Limb bud III	28	31	50		Length of hind limb= width
Limb bud IV	29	32	51		Length of hind limb buds =3/2 width
Appearance of knee junction	30	32-33	52		Oar-shaped hindlimb bud formation
Oar-shaped limb bud	31	33	52		
Appearance of 4th and 5th toes I	32	34	53		
Appearance of 4th and 5th toes II	33	34	53		Limb development and toe differentiation
Appearance of 3rd toe	34	35	54		
Appearance of 1st and 2nd toes I	35	36	54		
Appearance of 1st and 2nd toes II	36	36	54		All five toes indicated
All toes completely separated	37	37	55		
Metatarsal tubercle	38	37-39	56-57		Limb growth
Subarticular tubercles	39	40	57		Fingers stretched out in forelimb atrium
Disappearance of vent tube I	40	40	58	Maximum total length of tadpoles	Forelimb eruption; small intestine at its maximum length, and tadpole at its maximum total length
Disappearance of vent tube II	41	41	59	Forelimbs were distinct and covered by transparent pectoral skin, and reached a position above the heart	Forelimb reaching down to the base of hindlimb
Emergence of forelimbs	42	42	60-61	Forelimb eruption; head narrowed	The head narrowed; the forelimb at the level of posterior of heart
Tail degeneration I	43	42-43	62		Forelimb at the level of the middle of heart; head broader than trunk
Tail degeneration II	44	43	63		Head narrower than trunk, tail still slightly longer than body, forelimb at the level of anterior of heart
Tail degeneration III	45	44	64-65		Tail continued to degenerate into a stub
Complete metamorphosis	46	45	66		Tail resorption is complete; the tadpole became a froglet