

Newts: Garter snakes have immunity against poison-loaded newts

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'It's a Dunn's!'

Leaving this morbid subject behind, perhaps my favorite local salamander is one that it took me months to tentatively identify. Even an appeal to the always-helpful University of Washington Burke Museum failed to come up with the name of an almost magically beautiful creature I found on my sidewalk last July.

I'm now pretty sure it was a juvenile Dunn's salamander — possibly a subspecies — sporting a shiny metallic-looking copper stripe from head to tail tip. It looked like something a cartoonist might dream up as a steed for a minuscule Northwest faerie. The real giveaway of its identity was the Willapa National Wildlife Refuge's tip: "If it runs, it's a Dunn's!" It was such a speed racer and so shy, it was long gone in the

time it took to get my smart-phone camera — a Lamborghini of the animal world, the size of a two-inch pencil stub.

"Some salamanders spend the first part of their lives living in the water. They have a larval form which looks different than the adults of their species. Dunn's salamanders are a fully terrestrial salamander. The females lay their eggs in a moist area on land, possibly guarding them until they hatch. The young hatch as fully-formed, but smaller, replicas of the adults," the U.S. Fish and Wildlife Service says.

All this fits well with it having been recently born in my seasonally-swampy small backyard. I hope it found a mate and avoided the neighborhood snakes.

Keep a close watch and you might find a Dunn's for yourself. But don't touch — it, too, is at least a little poisonous.



Madeline Kalbach photo

Garter snakes like this one in Pacific County are the only creature that can eat poison-loaded newts without extreme risk of dying. Even with considerable immunity, the snakes can still suffer from a sort of newt hangover.

TV SCHEDULE

THE DAILY ASTORIAN

Evening listings
FRIDAY—SUNDAY

FRIDAY EVENING													JANUARY 26	
A	L	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30	
2	KATU	(2) KATU News at 6 (N)		Jeopardy! (N)	Wheel Fortune (N)	Child Support (N)		Agents of SHIELD "Best Laid Plans" (N)	20/20			KATU News (N)	(35) Jimmy Kimmel	
3	KOMO	(4) KOMO 4 News (N)		Jeopardy! (N)	Child Support (N)	Agents of SHIELD "Best Laid Plans" (N)		20/20				KOMO 4 News (N)	(35) Jimmy Kimmel	
4	KING	(5) NBC News (N)	KING 5 News (N)	KING 5 News (N)	Evening	Blindspot "Technology Wizards" (N)		Taken "Invitation Only" (N)	Dateline NBC			KING 5 News (N)	(35) Tonight Show	
5	KOIN	(6) KOIN Local 6 (N)	Evening News (N)	Extra	Ent. Tonight	MacGyver "Ruler"		Hawaii Five-0	Blue Bloods "Cutting Losses"			KOIN 6 News (N)	(35) Colbert	
6	KIRO	(7) KIRO 7 News (N)	Evening News (N)	KIRO 7 News (N)	Ent. Tonight	MacGyver "Ruler"		Hawaii Five-0	Blue Bloods "Cutting Losses"			KIRO News (N)	(35) Colbert	
7	KGW	(8) KGW News at 6:00 p.m. (N)		Live at 7 (N)	Inside Edition	Blindspot "Technology Wizards" (N)		Taken "Invitation Only" (N)	Dateline NBC			KGW News (N)	(35) Tonight Show	
8	KRCW	(3) Modern Family	Modern Family	The Goldbergs	The Goldbergs	ExGirlfriend "Oh Nathaniel, It's On!" (N)		JaneVirgini "Chapter Seventy-Two" (N)	News at 10 (N)	Friends		Two and a Half	Two and a Half	
9	KOPB	(10) Travels Darley	Business (N)	PBS NewsHour (N)		Doc Martin "Hazardous Exposure"		Hinterland	(45) Hinterland		(35) Masterpiece Mystery!	"Endeavour: Neverland"		
10	KPTV	(12) 6 O'Clock News (N)		Family Feud	Family Feud	Kitchen "Families Come to Hell" (N)		The Resident "Pilot"		10 O'Clock News (N)		News (N)	Page Six TV	
11	KPXD	(13) Mike & Molly	Mike & Molly	Big Bang Theory	Big Bang Theory	FOX 12's News (N)		9 O'Clock News (N)		Family Guy	American Dad!	The Game	The Game	
12	KCPQ	(13) Modern Family	Modern Family	Big Bang Theory	Big Bang Theory	Kitchen "Families Come to Hell" (N)		The Resident "Pilot"		Q13 News at 10 (N)		Most Wanted	The Simpsons	
13	TBS	(20) Family Guy	Family Guy	Brooklyn 99	Brooklyn 99	★★ Get Hard (2015, Comedy) Kevin Hart		Alison Brie, Will Ferrell.		★★ Norbit (2007, Comedy) Thandie Newton, Eddie Murphy		Two and a Half	Two and a Half	
14	KZJY	(22) Friends	Friends	Mom	Modern Family	Mom		Q13 News at 9 (N)		Big Bang Theory	Big Bang Theory	Two and a Half	Two and a Half	
15	ESPN	(29) (5:00) NBA Basketball Houston vs New Orleans (L)		Winter X Games Aspen 2018 (L)		SportsCenter The day's news in the world of sports. (N)		SportsCenter (N)	SportsCenter "Everest No Filter"		Winter X Games Aspen 2018		SportsCenter (N)	
16	ESPN2	(30) (5:00) NCAA Hockey Notre Dame at Minnesota (L)		Lip Sync (N)	★★★ The LEGO Movie (14) Voices of Will Ferrell, Elizabeth Banks, Chris Pratt.		Two and a Half	Two and a Half	Friends		Friends		Friends	
17	NICK	(31) Loud House (N)	TheAdventures (N)	Paradise Run (N)	Lip Sync (N)	★★★ The LEGO Movie (14) Voices of Will Ferrell, Elizabeth Banks, Chris Pratt.		Two and a Half	Two and a Half	Friends		Friends	Friends	
18	DISN	(32) Andi Mack	Stuck in Middle	K.C. Undercover	Andi Mack	Andi Mack (N)	Stuck Middle (N)	K.C. Undercover	K.C. Undercover	Jessie		Andi Mack	Stuck in Middle	
19	FAM	(34) ★★ Miss Congeniality (2000, Comedy) Michael Caine, Benjamin Bratt, Sandra Bullock.		★★★ K.C. Undercover	Andi Mack	★★★ Miss Congeniality 2: Armed and Fabulous (05) Regina King, Enrique Murciano, Sandra Bullock.		★★★ The Watch (2012, Comedy) Vince Vaughn, Ben Stiller.	(55) FXM Presents	A Good Day to Die Hard Bruce Willis.				
20	FMC	(35) Bring It! (45) ★★ Jack Ryan: Shadow Recruit (14) Kenneth Branagh, Chris Pine.		Bring It! "Stand Battle Shake-Up"	Bring It! Chat (N)	(50) Bring It! (N)		The Rap Game "I Win" (N)		(10) Da Brat (N) (15) To Be Announced				
21	LIFE	(36) Snow Motion (N)	IIDEAL	Xterra Adventures	Charlie Moore	Destination Pol.	In Depth	FootballWeek (N)	NCAA Basketball California at UCLA				Champions Tennis	
22	ROOT	(38) Snow Motion (N)	IIDEAL	Xterra Adventures	Charlie Moore	Destination Pol.	In Depth	FootballWeek (N)	NCAA Basketball California at UCLA				Champions Tennis	
23	FS1	(39) (5:00) NCAA Basketball (L)		Fox College Hoops	NFL Films	Speak for Yourself		TMZ Sports (N)	Skip and Shannon: Undisputed Opinions on the biggest sports topics of the day.				UFC Tonight	
24	SPIKE	(43) Cops	Cops	Cops	Cops	Cops		Bellator MMA Fighters battle for \$100,000 and a shot at the title.	(15) Waco "Visions and Omens"				Amy Schumer: Mostly Sex Stuff	
25	COM	(44) The Office	The Office	The Office 1/2	The Office 2/2	The Office		★★ Friends With Benefits (2011, Comedy) Justin Timberlake, Patricia Clarkson, Mila Kunis.						
26	HIST	(45) Ancient Aliens "The Visionaries"		Ancient Aliens "The Visionaries"		Ancient Aliens: Declassified Episodes of the show with additional information. (N)		Live PD (N) (45) Live PD: Rewind (N)	Live PD Live access inside the country's busiest police forces. (L)					
27	A&E	(46) (5:00) Live PD		Untold Stories "Cop Shocker"	Untold Stories of the E.R. "Shredded!"	Untold Stories of the E.R. "Wipeout!"		Untold Stories "Hooked" (N)	Untold Stories "Size Matters"					
28	TLC	(47) Untold Stories "Cop Shocker"		Untold Stories of the E.R. "Shredded!"	Untold Stories of the E.R. "Wipeout!"	Untold Stories "Hooked" (N)		Untold Stories "Size Matters"	Untold Stories of the E.R. "Hooked"					
29	DISC	(48) To Be Announced		To Be Announced	To Be Announced	To Be Announced		To Be Announced	To Be Announced					
30	NGEO	(49) Alaska Troopers "Batting Demons"		Alaska State Trooper "Cliff Top Chaos"	Alaska Troopers "Campground Crazies"	Alaska Troopers "Moose/Man Hunt"		State Troop. "Hot Drugs, Icy Streets"	Alaska Troopers "Grizzly Showdown"					
31	TNT	(50) Bones "The Man in the Fallout Shelter"		Bones "The Woman at the Airport"	★★★ The Hunger Games (2012, Action) Josh Hutcherson, Liam Hemsworth, Jennifer Lawrence.	★★★ Pirates of the Caribbean: The Curse of the Black Pearl (03, Adventure) Geoffrey Rush, Orlando Bloom, Johnny Depp.		The Princess Bride (87) Cary Elwes.	The Alienist "The Boy on the Bridge"					
32	USA	(51) (5:30) ★★ Pretty Woman (90, Rom) Julia Roberts, Jason Alexander, Richard Gere.		Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family				
33	AMC	(52) Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family	Modern Family				
34	FOOD	(53) Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins	To Be Announced	Diners, Drive-Ins	Diners, Drive-Ins	Diners, Drive-Ins				
35	HGTV	(54) My Dream Home	My Dream Home	My Dream Home	My Dream Home	My Dream Home	My Dream Home	My Dream Home	My Dream Home	House Hunters (N)	House Hunters (N)			
36	FX	(56) (4:30) Transformers: Age of Extinction (14) Nicolas Peltz, Mark Wahlberg.		CNN Tonight With Don Lemon	CNN Tonight With Don Lemon	★★★ 21 Jump Street (2012, Action) Channing Tatum, Ice Cube, Jonah Hill.		Anderson Cooper 360	Cuomo Prime Time					
37	CNN	(57) Cuomo Prime Time		CNN Tonight With Don Lemon	CNN Tonight With Don Lemon	★★★ 21 Jump Street (2012, Action) Channing Tatum, Ice Cube, Jonah Hill.		Anderson Cooper 360	Cuomo Prime Time					
38	FNC	(58) Hannity		The Ingraham Angle	The Ingraham Angle	Fox News @ Night		The Five	Hannity					
39	CNBC	(61) Shark Tank		Shark Tank	Shark Tank	Billion Dollar Buyer		Billion Dollar Buyer	Billion Buy "Nino's and Social Sparkling"					
40	BRAV	(63) MarriedMed "Fly Girls and Low Riders"		Medic. "Breakdown or Breakthrough"	Medic. "Invitations and Revelations"	Medic. "Invitations and Revelations"		Married to Medicine (N)	Married to Medicine					
41	TCM	(64) Movie	(45) ★★ My Side of the Mountain (69) Ted Eccles, Peggy Loder, Theodore Bikel.	(45) Panic in Year Zero (1962, Horror) Jean Hagen, Frankie Avalon, Ray Milland.	★★ No Blade of Grass (70) Jean Wallace, Nigel Davenport.									
42	SYFY	(65) (5:15) ★★ Tomorrowland (15, Adv) George Clooney, Judy Greer, Britt Robertson.		Futurama	Futurama	Futurama		Futurama	Futurama					
43	RFD	(162) County Report (N)	FarmHer	Chasing-Madison	The Jimmy Dean Show	Rural Eve. News		Country's Family Reunion "Nashville"	County Reporter	Chasing-Madison				

SATURDAY EVENING													JANUARY 27	
A	L	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30	
2	KATU	(2) (5:30) NBA Basketball Boston Celtics at Golden State Warriors (L)		Jeopardy!	Wheel of Fortune	Paid Program	Paid Program	20/20				KATU News (N)	(35) HonorWrestle	
3	KOMO	(4) (5:30) NBA Basketball Boston Celtics at Golden State Warriors (L)		WIMO 4 News PrimeTime (N)	Wheel of Fortune	Jeopardy!		20/20				KOMO 4 News (N)	(35) Wrestle (N)	
4	KING	(5) NBC News (N)	KING 5 News	L.M. Traveler	Raw Travel	KOMO & Grace	Saturday Night Live (N)	Saturday Night Live				KING 5 News (N)	Sat. Night Live	
5	KOIN	(6) KOIN 6 News (N)	Weekend News (N)	Entertainment Tonight Weekend	Entertainment Tonight Weekend	NCIS		SEAL Team "Rolling Dark"	48 Hours			KOIN 6 News (N)	(35) Amer.Ninja	
6	KIRO	(7) Weekend News (N)	KIRO 7 News (N)	Entertainment Tonight Weekend	Entertainment Tonight Weekend	NCIS		SEAL Team "Rolling Dark"	48 Hours			KIRO News (N)	(35) Scandal	
7	KGW	(8) NBC Nightly News	Naturally (N)	Journey (N)	Give	Will & Grace	Saturday Night Live (N)	Saturday Night Live				KGW News (N)	Sat. Night Live	
8	KRCW	(3) Modern Family	Modern Family	Last Man Standing	Last Man Standing	Friends	Friends	Seinfeld	Seinfeld			News at 10 (N)	Pawn Stars	
9	KOPB	(10) Great British Baking "Pastry"		Travel: Art Wolfe	Steves' Europe	Globe Trekker		Brown "The Labyrinth of the Minotaur"	Silent Witness 1/2	(55) Silent Witness		"One of Our Own" 2/2		
10	KPTV	(12) (5:00) UFC UFC Fight Night (L)		Better Man	Better Man	★★★ FX (1986, Action) Cliff De Young, Bryan Brown.		The X-Files "Herrenvolk"	Hell's Kitchen "Stars Heating Up Hell"					
11	KPXD	(13) Mike & Molly	Mike & Molly	Big Bang Theory	Big Bang Theory	Rizzoli & Isles "Deadly Harvest"		The X-Files "Herrenvolk"	CSI: Miami "Dead Ringer"				West Coast Wrestling Connection	
12	KCPQ	(13) (5:00) UFC UFC Fight Night (L)		Big Bang Theory	Big Bang Theory	Two and a Half	Two and a Half	Big Bang Theory	Big Bang Theory	Q13 News (N)	Most Wanted		Hell's Kitchen "Stars Heating Up Hell"	
13	TBS	(20) Brooklyn 99	Brooklyn 99	Brooklyn 99	Brooklyn 99	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Full Frontal	The Detour	
14	KZJY	(22) Modern Family	Modern Family	The Goldbergs	The Goldbergs	Modern Family	Modern Family	Q13 News at 9 (N)	Seahawks	Most Wanted	Bones "The Doctor in the Photo"		The X-Files	
15	ESPN	(29) Winter X Games Aspen 2018 (L)		SportsCenter (N)		SportsCenter (N)		College Basketball 30 for 30 Shorts	Winter X Games Aspen 2018				SportsCenter (N)	
16	ESPN2	(30) (5:00) NCAA Basketball Vir./T.N.D. (L)		NCAA Basketball Valparaiso at Illinois State (L)		College Basketball		30 for 30 Shorts	Winter X Games Aspen 2018				SportsCenter (N)	
17	NICK	(31) The Loud House (N)	The Thundermans	Henry Danger "Danger and Thunder"	Thundermans (N)	Nicky (N)		Fresh Prince	Fresh Prince	Two and a Half	Two and a Half	Friends	Friends	
18	DISN	(32) Bizaardvark	Bizaardvark	★★★ Monsters, Inc. (01) John Goodman.		(40) ★★ Monsters, Inc. (01) John Goodman.		Fresh Prince	Fresh Prince	Two and a Half	Two and a Half	Friends	Friends	
19	FAM	(34) (20) ★★ Maid in Manhattan (2002, Comedy) Ralph Fiennes, Tyler Garcia Posey, Jennifer Lopez.		(50) ★★ Just Go With It (2011, Comedy) Jennifer Aniston, Brooklyn Decker, Adam Sandler.		The Three Stooges (12) Chris Diamantopoulos, Sean Hayes.		(50) FXM Presents						
20	FMC	(35) (4:45) The Wolverine Hugh Jackman.		(20) ★★ The Wolverine (2013, Action) Will Yun Lee, Tao Okamoto, Hugh Jackman.		The Antoinette Tuff Story (18, True) Yaya DaCosta, Malik Yoba, Toni Braxton.		NCAA Basketball Portland at St. Mary's College (L)	Biography "The Antoinette Tuff Story"					
21	LIFE	(36) Twist of Faith (2013, Musical) David Julian Hirsch, Toni Braxton.		Undeniable "Kerri Walsh Jennings"		IMSA Auto Racing Rolex 24 at Daytona SportsCar Championship (L)		UFC Fight Post "Jacare vs. Brunson 2"	UFC Fight Night					
22	ROOT	(38) (5:00) NCAA Basketball S.F./Gonz. (L)		Undeniable "Kerri Walsh Jennings"		IMSA Auto Racing Rolex 24 at Daytona SportsCar Championship (L)		UFC Fight Post "Jacare vs. Brunson 2"	UFC Fight Night					
23	FS1	(39) (5:00) AMA Supercross (L)		★★★ The Fast and the Furious: Tokyo Drift (06, Act) Brandon Brendel, Zachery Ty Bryan, Lucas Black.		★★★ Horrible Bosses 2 (2014, Comedy) Charlie Day, Jason Sudeikis, Jason Bateman.		★★★ Horrible Bosses 2 (2014, Comedy) Charlie Day, Jason Sudeikis, Jason Bateman.	★★★ The Hangover Part III (13, Com) Zach Galifianakis, Ed Helms, Bradley Cooper.					
24	SPIKE	(43) (5:00) ★★ Four Brothers (05) Mark Wahlberg.		★★★ The Fast and the Furious: Tokyo Drift (06, Act) Brandon Brendel, Zachery Ty Bryan, Lucas Black.		★★★ Horrible Bosses 2 (2014, Comedy) Charlie Day, Jason Sudeikis, Jason Bateman.		★★★ Horrible Bosses 2 (2014, Comedy) Charlie Day, Jason Sudeikis, Jason Bateman.	★★★ The Hangover Part III (13, Com) Zach Galifianakis, Ed Helms, Bradley Cooper.					
25	COM	(44) (5:10) ★★ Horrible Bosses (11) Charlie Day, Jason Bateman.		Swamp People "Busting Chops"	Swamp People "Stranded"	Swamp People: Blood and Guts (N)		Live PD (N) (45) Live PD: Rewind (N)	Live PD Live access inside the country's busiest police forces. (L)					
26	HIST	(45) Swamp People "Busting Chops"		Swamp People "Stranded"		Swamp People: Blood and Guts (N)		Live PD (N) (45) Live PD: Rewind (N)	Live PD Live access inside the country's busiest police forces. (L)					
27	A&E	(46) (5:00) Live PD		Yes Dress "Everything Is on the Line"	Say Yes to the Dress	Say Yes to the Dress (N)		To Be Announced	Say Yes to the Dress (N)					
28	TLC	(47) Naked and Afraid "Strength in Pain"		Naked and Afraid "Melt Down Under"	Naked and Afraid "Lost at Sea"	Naked and Afraid "Man vs. Volcano"		Survivalists head to Montserrat.	Naked and Afraid "Texan Torture"					
29	DISC	(48) SouthJustice "Truth or Consequences"		Southern Justice "You Use, You Lose"	Bigfoot: The New Evidence "Yeti"	Bigfoot New Evidence "Sasquatch"		Bigfoot: Evidence "Russian Bigfoot"	Bigfoot: The New Evidence "Yeti"					
30	NGEO	(49) SouthJustice "Truth or Consequences"		Southern Justice "You Use, You Lose"	Bigfoot: The New Evidence "Yeti"	Bigfoot New Evidence "Sasquatch"		Bigfoot: Evidence "Russian Bigfoot"	Bigfoot: The New Evidence "Yeti"					
31	TNT	(50) (5:45) ★★ The Change-Up (11) Ryan Reynolds, Olivia Wilde, Jason Bateman.		★★★ Out for Justice (91, Cri) William Forsythe, Jerry Orbach, Steven Seagal.		★★★ Under Siege (1992, Action) Tommy Lee Jones, Gary Busey, Steven Seagal.		Falling Water "Dröm" (N)	Blood Father (2016, Action) Mel Gibson.					
32	AMC	(51) (5:30) ★★ Men in Black (97) Tommy Lee Jones, Will Smith.		★★★ Twister (1996, Action) Bill Paxton, Jami Gertz, Helen Hunt.		Chopped "Alton's Challenge: Part 1" 1/5		Chopped "Alton's Challenge: Part 2" 2/5	Chopped "Alton's Challenge: Part 3" 3/5					
33	USA	(52) Chopped "Beat Bobby Flay, Finale" 4/4		Chopped "Alton's Challenge: Part 1" 1/5		Chopped "Alton's Challenge: Part 2" 2/5		Chopped "Alton's Challenge: Part 3" 3/5	Chopped					
34	FOOD	(53) Chopped "Beat Bobby Flay, Finale" 4/4		Chopped "Alton's Challenge: Part 1" 1/5		Chopped "Alton's Challenge: Part 2" 2/5		Chopped "Alton's Challenge: Part 3" 3/5	Chopped					
35	HGTV	(54) Flip or Flop Vegas "Flip or Flop Vegas"		Flip or Flop Vegas "Flip or Flop Vegas"		Property Brothers		Renovation "A Rogue Renovation" (N)	Log Cabin Living					
36	FX	(56) (4:00) Furious 7 (15, Action) Vin Diesel.		★★★										