

Gaffney Turtle Symposium
SPEAKER SCHEDULE
Drumheller, AB October 17–18, 2009



Saturday October 17, 2009 – Auditorium

Time	Speaker	Title
8:20–8:35		Greetings and Introduction
8:35–9:15	Robert L. Carroll	Gene Gaffney and the Evolutionary History of Turtles
9:15–9:30	Hiroshi Nagashima, Shigehiro Kuraku & Shigeru Kuratani	Evolution of turtle body plan from developmental perspective
9:30–9:45	Torsten M. Scheyer, Ingmar Weneburg, Christian Mitgutsch, Massimo Delfino & Marcelo R. Sánchez-Villagra	Three ways to tackle the turtle: integrating evolutionary, developmental, and bone histological data to elucidate a highly peculiar body plan
9:45–10:00	Chun Li, Xiao-chun Wu & Olivier Rieppel	Osteological anatomy of <i>Odontochelys semitestacea</i> from the Late Triassic of China
10:00–10:30	Morning coffee break	
10:30–10:45	Eugene S. Gaffney & Farish A. Jenkins, Jr.	The cranial morphology of <i>Kayentachelys</i> , an Early Jurassic cryptodire, and the early history of turtles
10:45–11:00	Donald B. Brinkman & Andreas Matzke	New turtle specimens from the Jurassic Shishugou Formation of Xinjiang, China
11:00–11:15	Robert T. Bakker	Turtles at Como: diversity and isolation at the Jurassic-Cretaceous transition
11:15–11:30	Elizabeth T. Smith	Turtle treasures from the Opal Fields of Lightning Ridge, New South Wales
11:30–11:45	Diana P. Vineyard & Louis L. Jacobs	A new eucryptodiran turtle from the mid-Cretaceous (Albian) Glen Rose Formation of Texas
11:45–12:00	Haiyan Tong & Peter Meylan	A pitted-palate cryptodiran turtle from the early Paleocene of Ouled Abdoun Phosphate Basin, Morocco
12:00–1:45	Lunch & poster viewing	
1:45–2:00	Patricia A. Holroyd & J. Howard Hutchison	A new primitive chelydrid from the late Paleocene of Utah, USA
2:00–2:15	Kenneth D. Angielczyk	The ontogeny of plastron shape in Emydinae: how to be a miniature turtle
2:15–2:30	Robert W. Burroughs, Travis J. LaDuc, Christopher J. Bell & Dean A. Hendrickson	Morphological variation in the carapace and plastron of <i>Terrapene coahila</i> Schmidt and Owens 1944
2:30–2:45	Cory B. Jones	Systematic and zoogeographical revision of Gopher Tortoises
2:45–3:00	Gabe Bever	Title not yet received
3:00–3:30	Afternoon coffee break	
3:30–3:45	Christopher N. Jass & Christopher J. Bell	Geography, taphonomy and the Pleistocene turtle record
3:45–4:00	Akio Takahashi, Hiroyuki Otsuka & Hidetoshi Ota	Diversity and biogeography of the late Pleistocene terrestrial turtle fauna of the Ryukyu Archipelago, Japan
4:00–4:15	H. Bradley Shaffer, Philip Q. Spinks & Robert C. Thompson	Recent advances in the molecular phylogenetics of turtles
4:15–4:30	Thomas J. Near	Estimation of turtle divergence times using fossil calibrated molecular phylogenies

Sunday October 18, 2009 – Auditorium

Time	Speaker	Title
8:15–8:45	Paul C. Sereno & Sara J. ElShafie	A new species of the pelomedusoid turtle <i>Araripemys</i> from the Elrhaz Formation (Aptial-Albian) of Niger
8:45–9:00	Edwin A. Cadena & Jonathan I. Bloch	Two new specimens of the platychelyid turtle <i>Notemys zapatocaensis</i> from the Early Cretaceous (Valangian) of Colombia
9:00–9:15	Gustavo R. Oliveira, Pedro Seyferth R. Romano, Sergio Alex K. Azevedo & Alexander W. A. Kellner	The first Podocnemidera remains (Testudines, Pleurodira) from the Crato Formation, Araripe Basin, Brazil
9:15–9:30	France de Lapparent de Broin, Guntupalli V.R. Prasad, Sunil Bajpai & Omkar Verma	Chelonian remains from the Upper Cretaceous Deccan Intertrappean Beds of peninsular India: review, new material and comparisons
9:30–9:45	Adán Pérez García, Francisco Ortega & Xabier Murelaga	Preliminary analysis of the bothremydid turtles from “Lo Hueco” (Upper Cretaceous, Cuenca, Spain)
9:45–10:00	Pedro Seyferth R. Romano, Gustavo R. Oliveira, Sergio Alex K. Azevedo & Diogenes A. Campos	Lumping the podocnemidid turtles species from Bauru Basin (Upper Cretaceous of southeastern Brazil)
10:00–10:30	Morning coffee break	
10:30–10:45	Robert E. Weems	An Oligocene side-neck turtle (<i>Bairdemys</i>) (Suborder: Pleurodira, Family: Podocnemididae) from the Chandler Bridge Formation (lower Chattian) of South Carolina
10:45–11:00	Peter A. Meylan	A large new Carretochelyine turtle (Testudines: Carretochelyidae) from the early Miocene of Egypt
11:00–11:15	Yasuhisa Nakajima, Igor G. Danilov & Ren Hirayama	Plywood-like structures in costal bones of Mid to Late Cretaceous trionychids from Asia
11:15–11:30	Dennis M. Bramble, J. Howard Hutchison, John L. Carr & John M. Legler	Homology and functional evolution of the plastron in soft-shelled turtles (Trionychidae)
11:30–11:45	Walter G. Joyce & Tyler R. Lyson	Moving towards a cladistic diagnosis of Plastomenidae
11:45–12:00	Jason J. Head, J. Howard Hutchison & David C. Evans	The phylogenetic interrelationships and antiquity of Plastomenid turtles
12:00–1:35	Lunch & poster viewing	
1:35–2:15	R. T. J. Moody, C. A. Walker & S. D. Chapman	European fossil Chelonia—a historical perspective
2:15–2:30	Roger C. Wood & James L. Knight Dave Cicimurri & Al Sanders	Fossil Leatherback turtles (Dermochelyidae) from the Paleogene of South Carolina
2:30–2:45	Ren Hirayama, Zhong Yang, Di Yeli, Takahiro Yonezawa & Masami Hasegawa	A new nanhsiungchelid turtle from the Late Cretaceous of Guangdong, China
2:45–3:00	Roger B. J. Benson, Gabor Domokos, Robert R. Reisz & Peter L. Várkonyi	A statistical tool for broad habitat determination in turtles based on shell geometry and the paleoecology of Proterochersis

Sunday October 18, 2009 – Continued

Time	Speaker	Title
3:00–3:30	Afternoon coffee break	
3:30–3:45	Tyler R. Lyson & Walter G. Joyce	Paleoecology of two stratigraphically equivalent latest Cretaceous (Maastrichtian) turtle thanatocoenosis localities
3:45–4:00	Michael J. Knell	Interpreting patterns in the preservation of Cretaceous Marine and freshwater turtles in the fossil record using Modern specimens for taphonomic comparison
4:00–4:15	B. Rothschild, H.-P. Schultze & R. Pellegrini	Osseous and other hard tissue pathologies in turtles

Poster Session (Saturday & Sunday) – Rooms 1, 2 & 3

Poster	Presenter	Title
#1	Andrew R. Milner	The lost holotype of the Purbeck turtle <i>Chelone obovata</i> Owen 1842 rediscovered
#2	Derek W. Larson & Donald B. Brinkman	New specimens of Family Solemydidae (Testudines: Pancryptodira) from Canada
#3	Derek W. Larson, Nicholas R. Longrich, David C. Evans & Michael J. Ryan	Description of a new species of <i>Neurankylus</i> from the Milk River Formation (Cretaceous: Santonian) and a rediagnosis of <i>N. eximius</i>
#4	Darren H. Tanke & Patricia E. Ralrick	The case of the lost 1914 <i>Basilemys</i> turtle quarry (Dinosaur Provincial Park)
#5	Igor G. Danilov & Elena V. Syromyatnikova	Phylogeny of the extinct turtle clade Adocusia
#6	Justin A. Spielmann, Spencer G. Lucas, Robert M. Sullivan, Steven E. Jasinski & Paul L. Sealey	Giant sea turtle from the Cretaceous (upper Campanian) Pierre Shale, Raton Basin, northeastern New Mexico
#7	Tetsuto Miyashita	Geometric perspective on the skulls and the carotid circulation of turtles
#8	Tim T. Tokaryk & Donald B. Brinkman	Turtles from the Frenchman Formation and latitudinal patterns of distribution of turtles in the late Maastrichtian
#9	Diana P. Vineyard, Louis L. Jacobs, Michael J. Polcyn, Octávio Mateus & Anne S. Schulp	<i>Euclastes</i> sp. from the Maastrichtian of Angola and the distribution of the Angolachelonia
#10	Hans-Volker Karl & Mike Reich	First occurrence of <i>Salasemys pucherrima</i> (Testudines: Eucryptodire) in Central Europe
#11	Amanda R. McGee & Darla K. Zelenitsky	Preliminary report on fossilized turtle embryos from the Oldman Formation (late Campanian, Upper Cretaceous) of southern Alberta
#12	Igor G. Danilov & Natasha S. Vitek	Cretaceous trionychids of Asia: a review of record and biogeography
#13	Jason R. Bourque	Fossil kinosternid turtles from the Oligocene and Miocene of Florida
#14	Joe Corsini	Early Oligocene turtles from the White River Group of Nebraska
#15	Teppej Sonoda	A new Trionychoid turtle (Order Testudines: Class Reptilia) from the Lower Cretaceous of central Japan
#16	Hans-Volker Karl & Juliane Hein	Systematic aspects of the Geiseltal tortoise <i>Testudo eocaenica</i> Hummel 1935