

35TH INTERNATIONAL GEOLOGICAL CONGRESS

27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA



PRE 11 Cape Fold Belt

FIELD TRIP LEADERS: Coenie de Beer and Gideon Brunson



The field trip will cover the Permo-Triassic CFB, with stops along the lesser deformed western branch on the first day, across the syntaxis and then along the stronger deformed, northerly overturned southern branch.

On the first day, we will initially follow the N7 and turn towards the east into the Cederberg Mountains between Citrusdal and Clanwilliam, then drive south to overnight at Mount Cedar.

The second day will be spent to view the relationships between folds of the western branch and the southern branch in the syntaxis between Ceres and Montagu. Stops are scheduled to discuss flexural slip fold interference and syntaxial structure, the Mesozoic Worcester fault, seismicity and hot springs. We then travel into the southern branch via R62 from Montagu to Oudtshoorn to see northward overturning, kink folds, cleavage, Miocene geomorphology, and the hot spring at Warmwaterberg, the Mesozoic rift fill sequence and the Kango fault.

The third day will be spent travelling to Willowmore, stopping to view Holocene fault reactivation along the Kango fault system, Cretaceous rocks of the Oudtshoorn Basin, the inlier of basement rocks (Kango Group). Folding is spectacularly displayed in sections at Meiringspoort, whereas low angle faulting will be viewed at Uniondale.

On the fourth day we travel via Steytlerville to overnight in Port Elizabeth. Folded and thrust-faulted rocks of the upper Cape Supergroup will be examined and we cross the Algoa Basin (Cretaceous) at Uitenhage on the way.

On the final day of the excursion we will drive back from Port Elizabeth to Cape Town and experience the spectacular scenery along the Garden Route.

Field Trip Leaders: Coenie de Beer, Gideon Brunsdon

Start: Cape Town

End: Cape Town

Dates: 5 days, Monday 22nd to Friday 26th August 2016

ITINERARY

22-Aug-16	Monday	Cape Town to Eastern Cederberg
		The first day will cover the western branch of the Cape Fold Belt. We will drive north along the N7 and then turn east into the Cederberg Mountains between Citrusdal and Clanwilliam, then drive south along the Grootrivierhoogte road. See the low lying Swartland area underlain by Neoproterozoic rocks and Cape Granite Suite basement rocks and experience the rugged landscape of the area; get to know the stratigraphy of the Cape Supergroup.
In : 22-Aug-16	Out : 23-Aug-16	Overnight at Mount Ceder Lodge a DBB basis
		Get to know your fellow field trip participants around a traditional braai fire. A perfect weekend destination from Cape Town, Mount Ceder in the Cederberg Mountains offers visitors a host of exciting accommodation options. In a valley, surrounded by rugged and arrestingly dramatic mountains, Mount Ceder is found on the main route through the Cederberg range. It's a great wilderness area with majestic views, amazing Spring flowers (August and September), and rugged hikes – perfect for the young and not-so young.
23-Aug-16	Tuesday	Mount Ceder Lodge to Montagu
		View the relationships between folds of the western branch and the southern branch in the syntaxis between Ceres and Montagu. Stops are scheduled to discuss flexural slip fold interference and syntaxial structure, the Mesozoic Worcester fault, seismicity and hot springs. Stops at Skitterykloof Pass, Theronsberg Pass, Ceres and Worcester, Robertson and Montagu.
In : 23-Aug-16	Out : 24-Aug-16	Overnight at Montagu Country Hotel on a DBB basis
		The Montagu Country Hotel lies nestled between the Langeberg and Rivieronderend mountain ranges in the Western Cape. The village offers a perfect halfway stop between Cape Town and the Garden Route.
24-Aug-16	Wednesday	Montagu to Oudtshoorn
		Travel into the southern branch of the CFB via R62 from Montagu to Oudtshoorn to see the northward overturning, kink folds, cleavage, Miocene geomorphology, hot spring at Warmwaterberg, the Mesozoic rift fill sequence and the Kango fault.
In : 24-Aug-16	Out : 25-Aug-16	Overnight at Buffelsdrift Game Lodge
		Unique, understated elegance in our luxury tented accommodation in Oudtshoorn. With the Swartberg mountains as backdrop and a magnificent waterhole at your doorstep, it's the closest you'll get to the wild of the Klein Karoo and true African accommodation. Buffelsdrift Game Lodge offers you an escape to something spectacular. Our A la Carte Restaurant offers some of the best local cuisine in the area. It is open to the public for breakfast, lunch and dinner as well as drinks & sundowners on our surrounding deck overlooking the magnificent waterhole from where you might see some game species like elephant.

25-Aug-16	Thursday	The day will be spent travelling to Willowmore, stopping to view Holocene fault reactivation along the Kango fault system, Cretaceous rocks of the Oudtshoorn Basin, and the inlier of basement rocks (Cango Caves Group). Folding is spectacularly displayed in sections at Meiringspoort, whereas low angle faulting will be viewed at Uniondale.
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In : 25-Aug-16	Out : 26-Aug-16	Overnight at Willow Historic Guesthouse
		<p>Experience an important piece of South African history in this historic building with Victorian furniture, old world charm and unsurpassed hospitality. Ideally situated for stopovers when travelling from Gauteng to George, the Willow Historic Guest House offers excellent comfortable accommodation, fine food in it's a la Carté Restaurant and a homely atmosphere - a real home away from home.</p> <p>The Guest House is tastefully furnished with period furniture augmented by a large collection of Africana which will fascinate the discerning visitor, providing innumerable insights into the South African way of life in times long gone. The walls are covered with South African memorabilia that offer guests ample topics for conversation about the "Old Days".</p> <p>In the lounge, the genuine Victorian fireplace sets the atmosphere for winter nights in the Karoo.</p>

26 Aug 16	Friday	Travel via Steytlerville to Port Elizabeth. Folded and thrust-faulted rocks of the upper Cape Supergroup will be examined and we cross the Algoa Basin (Cretaceous) at Uitenhage on the way. Drive back to Cape Town.
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Meal Key

- BB Bed and Breakfast
- DBB Dinner, Bed and Breakfast
- DBB+ Dinner, Bed and Breakfast plus one additional activity
- DBB++ Dinner, Bed and Breakfast plus two additional activities
- FB Full Board (includes 3 meals per day)
- FB+ Full Board (includes 3 meals per day) plus one additional service
- FB++ Full Board (includes 3 meals per day) plus two additional services
- FI Fully Inclusive (includes all meals and local drinks), plus all activities

Minimum Persons 20

Maximum Persons 35

COST INCLUDES:

- 1 Night's accommodation at Mount Cedar Lodge on a DBB basis
- 1 Night's accommodation at Montagu Country Hotel on a DBB basis
- 1 Night's Accommodation at Buffelsdrift Game Lodge on a DBB basis
- 1 Night's accommodation at Willowmore Historic Guest house on a BB basis
- All Meals (lunch and Dinner)
- Transport in private touring vehicles
- Local English speaking driver on all transfers
- Entrance fees to sightseeing venues as stated in the itinerary above
- Handling Fee

COST EXCLUDES:

- All airfares, air reservations and airport taxes
- Entrance Fees not stipulated above
- All other accommodation
- All other meals
- All other transport
- All other sightseeing
- Personal expenses such as tips for meals, gratuities for guides & drivers, all alcoholic and other beverages, telephone calls and laundry
- Any other services not mentioned above