

NATURAL TREASURES II


## INTRODUCTION

We are pleased to present a high quality collection of Uruguayan crystals. All the pieces in this catalogue were legally and ethically sourced directly from the prestigious mines of Uruguay, South America. Uruguayan amethyst is internationally recognised as being the finest and most aesthetic amethyst in the world, due to its intense deep purple colouration, the large size of its peaked crystals, and its durability. These crystals were formed over 120-140 million years during the Cretaceous period, and as all of our pieces are formed naturally, they are completely unique and unrepeatable natural wonders.

Amethyst crystals are found inside vugs (hollow cavities) or geodes (rounded or spheroidal-shaped vugs) in volcanic areas or sedimentary rocks. In some cases, mineral-laden water filters through these hollow voids over millions of years, creating a crystal lining.

Geodes containing amethyst are often formed in Basalt (volcanic rock) and can be found in Uruguay and Brazil. The enchantment of finding a geode is discovering the hidden crystals that have formed inside over millions of years.

These crystals can be of a single type or a wonderful mixture of amethyst, agate, calcite, citrine and rock crystal.


## EXCEPTIONAL 'SKYSCRAPER' EPIMORPH AMETHYST

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 108 cm<br>Dimensions: H 100cm x W 70cm x D 58cm

One of the finest amethyst formations known from the mines of Artigas, Uruguay. This masterpiece of natural art formed when several large amethyst encrusted calcites formed in the centre of the specimen. Then over millions of years the conditions were such that the calcite dissolved, leaving an arrangement of towering amethyst sheets that resemble a cityscape. An incredible display piece.


# LARGE GREEN-GREY DRUZY FORMATION WITH CALCITE ROCKETS 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 62.5 cm
Dimensions: H 49 cm x W 34.5 cm x D 12 cm

This large green-grey geode section is covered in a wonderful texture of fine druze with two prominent calcite "rockets", one of which is covered in transparent druze. The borders polished.


# SMALL LILAC FORMATION WITH CENTRAL ROSETTE 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 16 cm
Dimensions: H 16 cm x W 16.5 cm x D 16.5 cm

This modest sized formation has a beautful symmetry, with a rounded base and a central stalactite with radially oriented amethyst crystals resembling a rosette.


# TREASURE CHEST FORMATION WITH THICK POLISHED BORDER 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 26 cm<br>Dimensions: H 24 cm x W 28 cm x D 12 cm

A wonderful formation with abundant agatized exterior polished to reveal the different mineral layers and the interior with a lining of brown drize over various stalactites with a frosty calcite to the left.


# INCREDIBLE CALCITE ARCH <br> FORMATION 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Dimensions: H 22 cm x W 28 cm x D 26 cm

An incredible amethyst formation with central calcite "arch" and calcite spear. Two special calcite formations are shown here; the first is a beautiful arch covered with a blanket of rare red/brown druze and white quartz, and the second is a beautiful, symetrical spear.


## AMETRINE AND FINGER-LIKE CALCITES

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 27 cm<br>Dimensions: H 26.5 cm x W 38 cm x D 24 cm

A spectacular amethyst cluster with two sets of unusual finger-like calcite crystals on a bed of druzy quartz. The formation is a pleasing dark purple colour with large peaks and is particularly notable for the gorgeous and rare ametrine (amethyst and citrine combined) crystals.


# STUNNING JAW-LIKE INTERNAL GEODE SECTION WITH AMETRINE 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 46.5 cm<br>Dimensions: H $35 \mathrm{~cm} \times$ W $28 \mathrm{~cm} \times \mathrm{D} 17 \mathrm{~cm}$

A stunning cut from the interior of a geode, preserving a v-shaped section resembling an open jaw, lined with ametrine (amethyst and citrine combined) and clenching a spectacular calcite. The top of the "mouth" preserves a wonderful calcite formation of floral appearance.


# EXCEPTIONAL HEART SHAPED FORMATION WITH ICY CALCITES 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 44 cm<br>Dimensions: H 33 cm x W 30.5 cm x D 16.5 cm

A stunning heart-shaped amethyst formation with a central rocket-shaped calcite covered with a blanket of amethystine quartz and black goethite. To the left an icy calcite covered in deep amethyst crystals.


## LILAC AMETHYST WITH THICK CELADONITE BORDER

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 29 cm
Dimensions: H 24 cm x W 18 cm x D 8 cm

The interior of this piece is endowed with attractive deep purple amethyst, which contrasts beautifully with the thick green celadonite shell. Like a cherry on top, a beautiful white calcite formation, stands out of the sparkling amethyst.


# "OPEN MOUTH" AMETHYST FORMATION WITH LARGE CRYSTALS 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 26 cm<br>Dimensions: H $20 \mathrm{~cm} \times \mathrm{W} 13 \mathrm{~cm} \times \mathrm{D} 11 \mathrm{~cm}$

The shape of this striking piece resembles a brick of amethyst or an open mouth. The interior deep purple amethyst cluster has unusually high peaked crystals and is intensified by the thick layer of white quartz.


# OVAL SHAPED DEEP PURPLE AMETHYST GEODE SECTION 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 20 cm
Dimensions: H 17 cm x W 14 cm x D 9 cm

This small oval shaped formation has particularly deep purple, large amethyst crystals separated by a streak of white quartz, exposed from a tangentially cut and polished stalactite.


# MEDIUM SIZED TAN DRUZY FORMATION WITH LILAC ACCENTS 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 32 cm<br>Dimensions: H 26 cm x W 28 cm x D 8 cm

This pear shaped geode section preserves a bed of tan coloured druze with faint purple accents, all covering an uneven surface of nascent stalactites.


# EXQUISITE LARGE BLOCK OF PEAKED AMETHYST 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 26 cm
Dimensions: H 20 cm x W 25.5 cm x D 22 cm

Extracted from a geode of unusually large and bright purple amethyst, this block contains beautifully formed and pristinely preserved crystals in a pleasing convex arrangement. The deep purple colour contrasts wonderfully with the white quartz base.


## MONUMENTAL DYNAMIC SPLIT GEODE

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 138 cm<br>Dimensions: H 115 cm x W 100 cm x D 48 cm

A very large split geode, the interior graced with the finest quality deep purple uruguayan amethyst. The amethyst-lined stalactite walls of the geode undulate in and out lending the piece a great depth and dynamic quality. The agatised borders are exquisitely polished to reveal white, grey and orange bands.


# WHITE QUARTZ CLUSTER WITH HONEY COLOURED CALCITES 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 22 cm
Dimensions: H 17 cm x W 28 cm x D 26 cm

A substantial formation with a thick lining of large white quartz crystals that contrast beautifully with the two honey coloured calcites to the side. The brown agatised border has been polished.


# FIELD OF STALACTITES WITH PURPLE-ORANGE AMETHYSTINE QUARTZ 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 36.5 cm<br>Dimensions: H 28 cm x W 22 cm x D 16 cm

A beautiful and unusual formation consisting of a field of stalactites covered in amethystine quartz on an orange agatised background, giving the amethyst a gorgeous hue. Several stalactites have been cut to reveal gorgeous concentric rings. \the borders polished throughout.


# BLUE AGATE PYRAMIDAL CAVE FORMATION WITH DRUZE 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 33.5 cm
Dimensions: H 28.5 cm x W 24 cm x D 19 cm

A beautiful pyramidal formation with thick border of blue banded agate.
The central cavity resembling a cave with a floor of druzy quartz and calcite crystals. Nascent stalactites adorn the rear wall.


# BELLOWING SMOKE CLOUD FORMATION 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 37 cm<br>Dimensions: H 20 cm x W 46 cm x D 36 cm

A beautiful formation of of several stalactites covered in a thick border of white quartz. The thick quartz bordered itself covered in transparent and brown druze in places. The whole resembling a bellowing smoke cloud and sat on a sky blue agatised shell.


# WONDERFUL CALCITE WITH EPITAXIAL GOETHITE 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 32 cm<br>Dimensions: H 24 cm x W 25 cm x D 22 cm

This stunning formation consists of a large pyramidal calcite on a bed of deep purple amethyst. The split calcite with unusual epitaxial goethite and a second generation of amethyst growth near the top. A wonderful piece.


# LILAC HALF GEODE WITH A CALCITE FORMATION 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 40 cm
Dimensions: H 26 cm x W 28 cm x D 19 cm

A pleasing lilac amethyst formation of large crystals with a large honey coloured calcite at the centre and a smaller calcite to the side.


# LILAC AMETHYST FORMATION WITH CENTRAL ROSETTE 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 27 cm<br>Dimensions: H 20 cm x W 31 cm x D 20 cm

A large bowl shaped piece formed of small lilac amethyst crystals with a stunning central honey coloured calcite formation resembling a rosette. At the base of the calcite pink druzy quartz can be seen.


# DYNAMIC FORMATION WITH THICK AGATISED BORDERS 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 61 cm
Dimensions: H 45 cm x W 31 cm x D 22 cm

A dynamic formation with a thick blue-brown agatised border. The crystal lined interior equally dynamic with shocks of electric amethyst contrasting with darker colours on a bed of large stalactites.


# OTHER WORLDLY LANDSCAPE WITH GREY-LILAC DRUZE 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 100 cm
Dimensions: H 40 cm x W 52 cm x D 45 cm

A stunning half geode containing many tall stalactites resembling an other worldly landscape. The stalactites covered in grey-lilac druzy quartz. the borders polished.


# STRIKING QUARTZ AFTER ANHYDRITE PSEUDOMORPH 

Place of origin: Rio Grande do Sul - Brazil
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 18 cm
Dimensions: H $13 \mathrm{~cm} \times$ W $28 \mathrm{~cm} \times \mathrm{D} 26 \mathrm{~cm}$

Another beautiful formation of unusual quartz pseudomorphs after anhydrite. The quartz crystals have formed over anhydrite crystals, which subsequently dissolved, leaving tan coloured quartz crystals, some of which have hollow cores.


## SELENITE FORMATION

Place of origin: Rio Grande do Sul - Brazil
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 30 cm
Dimensions: H $23 \mathrm{~cm} \times \mathrm{W} 12.5 \mathrm{~cm} \times \mathrm{D} 12.5 \mathrm{~cm}$

A wonderful, crescent shaped section of colourless, transparent Selenite. Selenite is formed from crystallised gypsum and has water like clarity with a fine lustrous surface.


# EXCEPTIONAL QUALITY AMETHYST IN A JAW LIKE FORMATION 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 40 cm<br>Dimensions: H 36 cm x W 20 cm x D 22 cm

Amethyst of the deepest colour is shown here in a formation resembling an open mouth. The crystals are of high peaks with red tints toward the tips. the borders unpolished to reveal the rough quartz and thin exterior shell.


# DEEP PURPLE DECORATIVE AMETHYST FORMATION 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 42 cm
Dimensions: H $31 \mathrm{~cm} \times$ W $19 \mathrm{~cm} \times \mathrm{D} 8 \mathrm{~cm}$

An attractive and decorative amethyst formation with deep purple crystals of good size. Tastefully cut.


# PEAR SHAPED AMETHYSTINE GEODE SECTION WITH THICK BORDER 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 34 cm<br>Dimensions: H 27 cm x W 24 cm x D 14.5 cm

This beautiful half geode has a wonderful blue-brown banded agate border with a thick base of white quartz differentiating to deep amethyst at the tips. A small section of orange quartz crystals can be admired at the bottom right.


# EGG SHAPED AMETHYST GEODE WITH CALCITE 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 35 cm<br>Dimensions: H $30 \mathrm{~cm} \times \mathrm{W} 25 \mathrm{~cm} \times \mathrm{D} 21 \mathrm{~cm}$

A beautiful mostly complete egg shaped geode with a prominent calcite to the left, partially polished. The amethyst crystals with high peaks and of intense purple. The thick amethystine borders polished.


## AMETHYST "JEWELLERY BOX" FORMATION

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 91 cm<br>Dimensions: H 31 cm x W 48 cm x D 40 cm

In this alternative display, the stunning large geode with its agatised borders is shown with the top presented vertically. the deep purple, high peaked crystals are visible on the top and bottom sections, with a small calcite adorning the "lid".


# DEEP PURPLE AMETHYST WITH GOETHITE INCLUSIONS WITHIN 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 23 cm
Dimensions: H 20 cm x W 18.5 cm x D 14 cm

An unusual piece of high quality deep purple amethyst with large peaked crystals. Inside the amethyst multiple goethite crystals, resembling hearts and rosettes can be seen. Several of the crystals are overcoated in brown druze.


# EXCEPTIONAL AMETHYST AFTER CALCITE EPIMORPH 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 32 cm
Dimensions: H 25 cm x W 16 cm x D 15 cm

A stunning fragment from a large geode preserving an intense bed of deep purple small sized amethyst crystals. to the right we see the rocket shaped cast formed by a second generation of amethystine quartz growing over a calcite, which subsequently dissolved - a phenomenon known as epimorphism.


# HIGH QUALITY AMETHYST WITH GOETHITE INCLUSIONS RESEMBLING ROSETTES 

Place of origin: Artigas - Uruguay<br>Geological period: Cretaceous<br>Age: 120-140 million years old<br>Height (Including Stand): 40 cm<br>Dimensions: H $32 \mathrm{~cm} \times$ W $15 \mathrm{~cm} \times$ D 16.5 cm

An unusual piece of high quality deep purple amethyst with large peaked crystals. Inside the amethyst multiple goethite crystals resembling rosettes can be seen. Several of the crystals are overcoated in brown druze.


## NATURE'S "KRYPTONITE" TOWERING VIVIANITE FORMATION

Place of origin: Cabeça do Cachorro, Amazonas, Brazil.
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 30 cm
Dimensions: H 23 cm x W 9.5 cm x D 8 cm

Another wonderful formation of multiple long prismatic vivianite crystals on an earthy matrix. The vivianite crystals are water clear from edge and pearlescent on the cleaved surface. A wonderful, sculptural arrangement resembling superman's fictional "kryptonite".


# SMALL COMPLETE GEODE "JEWELLERY BOX" 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 29.5 cm
Dimensions: H 19 cm x W 14 cm x D 12 cm

A gorgeous small scale geode with a striking contrast of polished greyblue agatised borders and intense amethyst crystal lining within. The display here, often referred to as a "jewellery box", showcases the open geode like a treasure chest.


# "JEWELLERY BOX" WITH GREEN AGATISED BORDERS 

Place of origin: Artigas - Uruguay
Geological period: Cretaceous
Age: 120-140 million years old
Height (Including Stand): 33 cm
Dimensions: H 15.5 cm x W 27 cm x D 20 cm

Another gorgeous geode resembling a treasure chest, with green-brown agatised borders and intense amethyst crystal lining. A wonderful piece of decorative size.


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