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The scent of life: Foreword from the Editors

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This special issue of *Zootaxa* is published in honor of Dr. Jocélia Grazia (Fig. 1) from the Universidade Federal do Rio Grande do Sul, Brazil, one of the world's most respected and influential active taxonomists in Heteroptera. Though she retired from her long-time position as a Full Professor, away from undergraduate classes and administrative duties, Jocélia is still an active researcher and passionate about studying true bugs. An intense conviction she passes to her many students and becomes evident in her publications. If there is one word to define Jocélia Grazia, it is energy. Even the most novice and inexperienced student perceives the enthusiasm and dedication Jocélia faces from the small bureaucratic problems through the most challenging scientific questions.



FIGURE 1. Jocélia Grazia in her lab at the Universidade Federal do Rio Grande do Sul.

Jocélia graduated in Natural History in 1965 at the Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS), obtained her Ph.D. in Parasitology in 1976 at the Universidade Estadual de Campinas (UNICAMP), and post-doctorate in 1994 at the American Museum of Natural History (AMNH). She is currently a retired Full Professor at the Universidade Federal do Rio Grande do Sul (UFRGS), where she worked most of her life since 1980. Jocélia's biography has been recently published in Portuguese (Jurberg 2005). She taught several courses during her career, including Invertebrate Zoology, Entomology, and Taxonomic Methods, besides holding several administrative positions until retiring in 2014.

Extremely curious and eager to unveil the taxonomy of Neotropical pentatomids, Jocélia early started her fruitful career. The very first published paper (Grazia 1967) dealt with *Galedanta* Amyot & Serville (Fig. 2A) and was published when Jocélia was only 22 years old. Jocélia's vocation to pioneer in the taxonomy and systematics of true bugs is evidenced in her Ph.D. dissertation. Under the influence of her doctoral supervisor Prof. Dr. Ângelo Pires do Prado, one of the first to introduce Hennig's Phylogenetic Systematics in Brazil in the 1960s, Jocélia published one of the first cladistic analyses in Brazil (Fig. 2B; Grazia 1978).

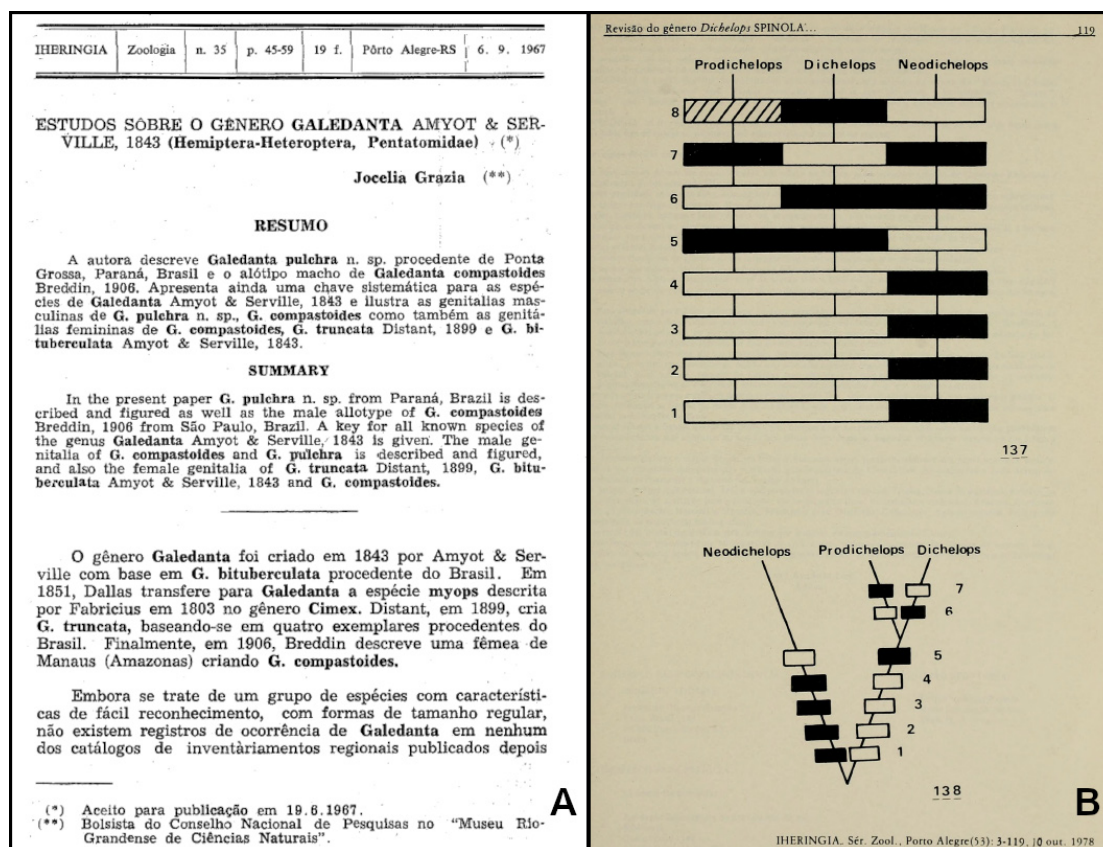


FIGURE 2. A, The first paper authored by Jocélia Grazia came out in 1967. B, Character-states diagram (top) and cladogram (bottom) of subgenera of *Dichelops* Spinola, 1837, one of the pioneer cladograms published in Brazil, printed in 1978.

Throughout her career, Jocélia has also been proactive in defending the importance of scientific societies. She supports several organizations with her regular membership and has presided over the Sociedade Entomológica do Brasil (SEB) from 1984 to 1991, and the International Heteropterists' Society (IHS) from 2002 to 2006. Jocélia has always been enthusiastic about maintaining and expanding the IHS, attending all quadrennial meetings since the very beginning in 1998 (Fig. 3). Almost every relevant congress or meeting on Heteroptera has her smiling presence (Fig. 4), as a chair, guest presenter, or just participant. After hundreds of papers, books, book chapters, lectures, Jocélia remains an avid researcher, inspiring heteropterists worldwide.

Through the years, Jocélia has advised and encouraged undergraduates, master's, and doctoral students. Many of these students are currently systematists and experts on different groups of Heteroptera. As Jocélia's former students, some curious and funny stories are part of our memories. Once, as recalled by one of her early students Dr. Aline Barcellos, Jocélia was looking for some of Carl Stål's specimens and dreamed of him telling her the location—and she found them!



FIGURE 3. Jocélia (foreground, second from the left) and colleagues in the First Quadrennial Meeting of the International Heteropterists' Society in New York, July 1998. Photo kindly provided by Dr. José Antonio Marin Fernandes.

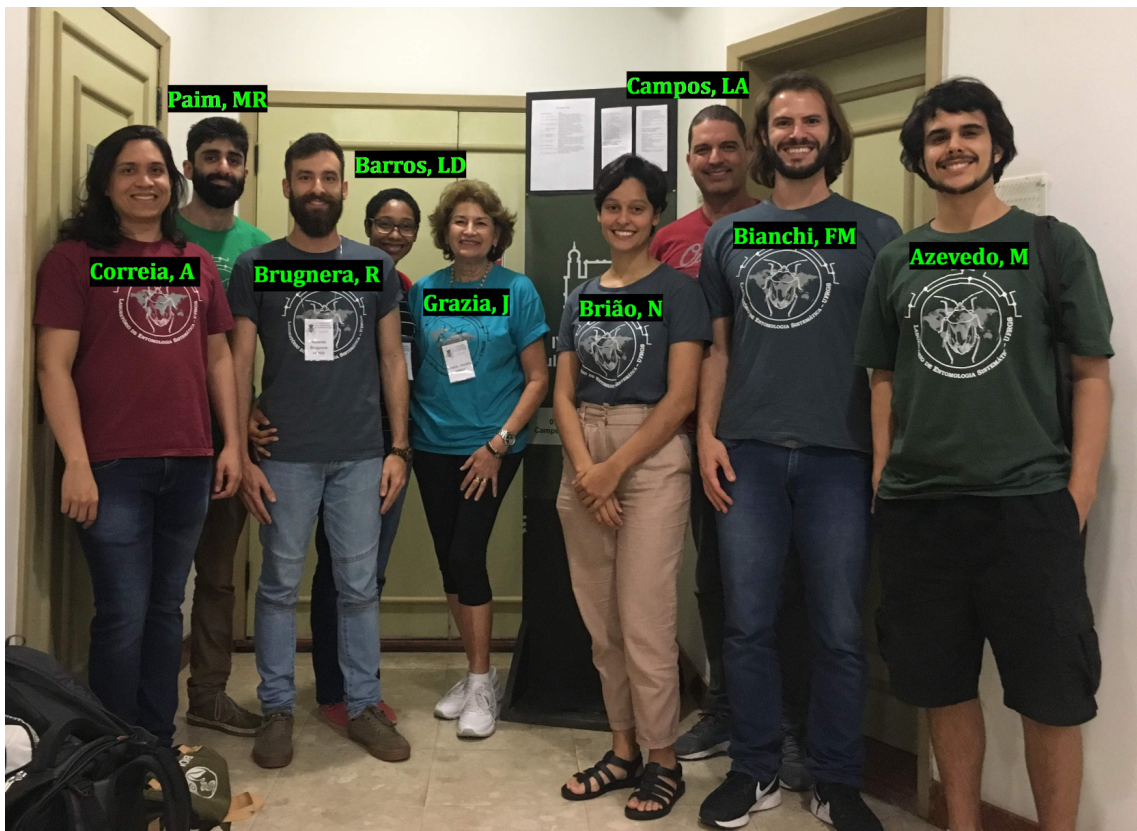


FIGURE 4. Some of her students and colleagues surrounding Jocélia in the IV Workshop Sulamericano de Heteroptera (FIOCRUZ, Rio de Janeiro) in October 2019.

Jocélia likes to say she has been lucky to be hired to work with something she likes the most, the study of stink bugs. When asked why she chose to work with insects of such ‘unpleasant smell’, Jocélia readily answers that their smell is like perfume and not unpleasant at all. In a certain way, the stink bugs have been the scent in Jocélia’s life.

This special issue of *Zootaxa* presents an introductory article with a bibliometric analysis of Jocélia’s 219 publications up to the end of 2019, followed by 41 original research articles dealing with taxa of six out of the seven infraorders of Heteroptera. The following 39 new patronyms are raised to Jocélia Grazia in this volume:

Cimicomorpha:

- Campyloneura joceliae* Konstantinov, 2021
- Colimacoris joceliae* Kim & Jung, 2021
- Cosmoclopius joceliae* Varela & Melo, 2021
- Graziaphylus* Schuh & Salas, 2021
- Graziaphylus joceliae* Schuh & Salas, 2021
- Graziaphylus nigripes* Schuh & Salas, 2021
- Heza graziae* Swanson, 2021
- Hypsipyrgias joseliae* Lis & Lis, 2021
- Stephanitis joceliae* Knudson, Rider & Knodel, 2021
- Tagalis graziae* Castro-Huertas & Forero, 2021

Dipsocoromorpha:

- Corixidea graziae* Albuquerque & Carvalho-Filho, 2021
- Guapinannus graziae* Frankenberg, Knyshev, Hoey-Chamberlain & Weirauch, 2021

Gerromorpha:

- Microvelia joceliae* Magalhães & Moreira, 2021
- Rhagovelia graziae* Galindo-Malagón, Morales & Moreira, 2021
- Rhagovelia joceliae* Rodrigues & Moreira, 2021

Leptopodomorpha:

- Macrosaldula graziae* Vinokurov & Kment, 2021

Nepomorpha:

- Cryphocricos graziae* Sites, 2021
- Ocyochterus graziae* Polhemus, 2021

Pentatomomorpha:

- Adustonotus graziae* Bianchi, 2021
- Agathocles joceliae* Salini & Kment, 2021
- Dinidor jograzaiae* López, Carrenho & Schwertner, 2021
- Edessa graziae* Fernandes & Silva, 2021
- Eurystethus jo* Correia, Fernandes & Campos, 2021
- Graziacrophyma* Carvajal, Faúndez & Rider, 2021
- Graziacrophyma brasiliensis* Carvajal, Faúndez & Rider, 2021
- Graziaedessa* Eger, 2021
- Graziaedessa anastrephae* Eger, 2021
- Graziasternum* Roca-Cusachs & Rider, 2021
- Graziasternum graziae* Roca-Cusachs & Rider, 2021
- Graziasternum joceliae* Roca-Cusachs & Rider, 2021
- Hyperbius joceliae* Carpintero & de Biase, 2021
- Joceliaptera* Heiss, 2021
- Joceliaptera graziae* Heiss, 2021
- Jocezia* Dellapé & Fuentes, 2021

Jocezia inusitata Dellapé & Fuentes, 2021
Macropygium graziae Silva & Campos, 2021
Metajalysus graziae Henry & Dellapé, 2021
Podisus graziae Brugnara, Roell & Lemaître, 2021
Urolabida graziae Roca-Cusachs, 2021

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