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Collective Narcissism and Anti-Semitism in Poland

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Abstract

Two studies examined the relationship between collective narcissism - an emotional investment in an unrealistic belief about the greatness of an in-group (Golec de Zavala et al., 2009) - and anti-Semitism in Poland. The results indicate that this relationship is simultaneously mediated by (a) a belief that the in-group is constantly threatened by hostile intentions of other groups (Polish siege beliefs; Bar-Tal & Antebi, 1992) and (b) a belief that the Jews are a particularly threatening out-group because they secretly aim to dominate the world (the conspiracy stereotype of Jews; Bergmann, 2008; Kofta & Sędek, 2005). The results corroborate previous findings that collective narcissism is linked to increased sensitivity to intergroup threat and with intergroup hostility. The sensitivity to intergroup threat is composed of beliefs about vulnerability of the in-group and hostility of the out-group.

Keywords: collective narcissism, anti-Semitism, siege beliefs, conspiracy stereotype of Jews

In a comprehensive meta-analytic review of research on the relationship between intergroup threat and prejudice, Riek, Mania, and Gaertner (2006; see also Stephan & Stephan, 2000; Stephan et al., 2002) suggest that in order to better understand the etiology of prejudice it is important to identify variables that increase the likelihood of interpreting intergroup situations as threatening. We propose that collective narcissism – in-group identification tied to an emotional investment in an unrealistic belief in the exaggerated greatness of an in-group (Golec de Zavala, Cichocka, Eidelson & Jayawickreme, 2009) - is related to high susceptibility to signs of intergroup threat and enduring prejudice against out-groups stereotypically perceived as threatening.

Previous studies indicate that collective narcissism predicts intergroup hostility in response to a perceived threat to the in-group's image. Collective narcissism predicts retaliatory intergroup hostility over and above such robust predictors of intergroup violence as social dominance orientation, authoritarianism, high in-group identification or 'destructive' forms of idealization of a national in-group such as blind patriotism, nationalism, or in-group glorification (Golec de Zavala et al., 2009; Golec de Zavala, 2007; Golec de Zavala & Cichocka, 2010; Imhoff, Erb & Wohl, 2010). Collective narcissism has been also shown to reliably predict *enduring* negative attitudes towards certain out-groups. For example, Polish collective narcissism predicts anti-Semitism (Golec de Zavala et al., 2009; Golec de Zavala, Cichocka & Bilewicz, 2010). However, it is not related to negative attitudes towards the French or British people (Golec de Zavala & Cichocka, 2010). Similarly, American national narcissism predicts negative attitudes towards Arabs but not towards Asians, Europeans or Latinos. Notably, Arabs are perceived as more threatening than the other out-groups (Lyons, Kenworthy & Popan, 2010). The above results suggest that collective narcissism may be related to prejudice *because* it increases sensitivity to intergroup threat. In addition, it is likely

to predict negative attitudes only towards social groups stereotypically construed as threatening.

In this paper, we present results of two studies that indicate that the relationship between collective narcissism and prejudice is driven by chronic beliefs that the in-group is exposed and vulnerable in intergroup relations (*the siege beliefs*) and that the particular out-group targeted by prejudice is a source of threat (*the conspiracy stereotype*). Our studies focus on the relationship between Polish collective narcissism and anti-Semitism. Anti-Semitism is one of the most prevalent forms of prejudice in Poland and across Europe. It is particularly curious because in most countries it is prejudice against an almost non-existent minority. This minority is, however, almost universally stereotyped as threatening (Bergmann, 2008; see also Kofta & Sędek, 2005; Krzemiński, 2004).

Collective narcissism and exaggerated regard for self and in-group

The concept of collective narcissism extends into the intergroup domain the concept of individual narcissism, a grandiose view of self that requires continual external validation¹ (e.g. Crocker & Park, 2004; Emmons, 1987; Morf, & Rhodewalt, 2001; Raskin & Terry, 1988), and is related to unstable and defensive personal self-esteem (e.g. Bosson et al., 2008; Jordan et al., 2003; Kernis et al., 2005; Zeigler-Hill, 2006). Individual narcissists are emotionally attached to the belief in their own greatness and they are preoccupied with protecting it. Collective narcissists believe in the unique prominence of the social group with which they identify (Golec de Zavala et al, 2009). Collective and individual narcissism, although positively correlated, are functionally separate variables. Their relationship across studies ranges from weak to moderate (from $r = .15$ to $r = .27$; Cai & Gries, 2010; Golec de Zavala et al., 2009; Lyons et al., 2010). Importantly, collective narcissism predicts intergroup attitudes and behaviors that individual narcissism does not account for, and individual narcissism

predicts interpersonal anger and aggressiveness that is not related to collective narcissism (Golec de Zavala et al., 2009; Studies 2 and 3).

The concept of collective narcissism corresponds directly to the research that differentiates between ‘belligerent’ vs. constructive forms of positive regard for one’s nation. This research has been successful in describing several forms of “in-group love” that is systematically accompanied by “out-group hate” (see Brewer, 1999): such as nationalism (de Figueiredo & Elkins, 2003; Mummendey, Klink & Brown, 2001; Kosterman & Feshbach, 1989), blind patriotism (Schatz, Staub & Lavine, 1999) or in-group glorification (Roccas, Klar & Liviatan, 2006). However, the concept of collective narcissism is in several important ways distinct from the above conceptualizations of extensive in-group favoritism and, unlike them, offers an insight into the psychological mechanism underlying the relationship between the preferential positivity for an in-group and out-group hostility².

Firstly, previous studies indicate that people can be narcissistic about various in-groups, not only about their nation (e.g. Golec de Zavala et al., 2009). To our knowledge, this is the only ‘belligerent’ form of in-group attachment that has been empirically demonstrated to extend beyond international context. Nevertheless, national collective narcissism, blind patriotism and national in-group glorification do overlap in the uncritical approach towards the national in-group and concern with protection of the in-group’s positive image. However, unlike blind patriotism and in-group glorification that avoid criticism; collective narcissism is preoccupied with it³. Collective narcissism, just like the narcissistic idealization of self, is contingent on external validation. Therefore, collective narcissists are constantly vigilant to threat to the in-group’s image. In addition, only the narcissistic exaggerated image of the in-group is shadowed by internal doubts regarding in-group’s assumed greatness (Golec de Zavala et al., 2009).

National collective narcissism and nationalism share the belief in the nation's inherent superiority. Narcissistic, unlike nationalistic, claims to superiority are not based on in-group's power and intergroup dominance. Also unlike nationalism, narcissistic intergroup aggressiveness is defensive and retaliatory. It does not serve the purpose of achieving a dominant position in the intergroup hierarchy of power. This concern is, however, crucial for nationalism (Schatz et al., 1999; see also Bar-Tal, 1996; de Figueiredo & Elkins, 2003).

Studies confirm that collective narcissism predicts intergroup hostility over and above other 'destructive' national attachments and partially mediates the effects of blind patriotism, in-group glorification and nationalism on intergroup negativity (Cichocka & Golec de Zavala, 2010; Golec de Zavala, 2007; Golec de Zavala et al., 2009; Imhoff et al., 2010). Moreover, when the common variance between collective narcissism and constructive patriotism is adjusted for, only collective narcissism (but not blind patriotism or nationalism) emerges as a suppressor of the *negative* relationship between genuine patriotism and prejudice. Thus, narcissistic aspect of 'in-group love' seems to be particularly tied to out-group negativity. It conceals the ability of 'genuine' positive regard for an in-group to inspire out-group positivity and tolerance (Golec de Zavala et al., 2010).

We argue that it is the very nature of the collective narcissistic beliefs about the in-group that inspire the sensitivity to intergroup threat and link it to out-group hostility. People with contingent self-worth exaggerate failures and underestimate successes in the domains of contingency (Baumeister & Vohs, 2001; Crocker & Park, 2004; Kernis, 2003; Morf & Rhodewalt, 2001). Therefore, collective narcissists rarely see the acknowledgement of the in-group by others as satisfactory. They quickly develop "tolerance" to known sources of external validation and are constantly on the lookout for new signs of anything that may undermine the in-group. They retaliate against what they perceive as a threat to the in-group's positive image.

Collective narcissism and Polish siege beliefs

We propose that collective narcissism, with its extraordinary sensitivity to anything that can undermine the in-group's image, is likely to inspire the *siege beliefs system* about the in-group. The *siege mentality* prompts generally distrustful and negative attitudes towards other groups as it is “[a] belief held by group members stating that the rest of the world has highly negative behavioral intentions toward them” (Bar-Tal & Antebi, 1992a, p.49; see also Bar-Tal, 2000).

Siege beliefs explain and justify hardships suffered in the name of the in-group in intergroup conflicts and legitimize the hostility and violence perpetrated by the in-group (Bar-Tal & Antebi, 1992a, b). Importantly, people differ with respect to how much conflict they perceive (e.g. Bar-Tal, Kruglanski & Klar, 1993; Golec & Federico, 2004) and how convincing they find the siege beliefs to be. The siege beliefs offer an explanation and justification for the constant monitoring of the signs of the mistreatment associated with collective narcissism. They are also likely to satisfy the narcissistic need to perceive the in-group as unique, of special status and morally superior. Siege beliefs maintain that the misunderstood and righteous in-group stands alone against the hostile and dissolute world. Most importantly, the siege beliefs may appeal to collective narcissists because they confirm what the narcissists seem continuously to suspect: that other groups do not properly acknowledge their greatness.

We propose that Polish national narcissism may be related to anti-Semitism *because of* its association with the siege beliefs about the nation. Polish Jews are perceived as an out-group. More than any other minority, this out-group is salient to Poles and inspires ambivalent emotions: guilt, anger and fear. Importantly, the Jewish people are seen as a threat to the positive national image (because of their criticism regarding Polish anti-Semitism), to Poland's national interest (because of the claims of Polish Jews or their families regarding

financial retributions for the properties confiscated by the communist government in Poland) or to national security (because of the conspiracy beliefs attributing hostile intentions against the Polish state to Jews; e.g. Bilewicz, 2007; Kofta & Sędek, 2005; Krzemiński, 2004; Wójcik, 2008). Thus, collective narcissists are likely to be prejudiced against Jews because this is a particularly salient out-group in Polish national context. In addition, this out-group is seen as particularly threatening. As such it is well equipped to be seen as a model example of the hostile intentions of the external world towards the in-group.

Collective Narcissism and the conspiracy stereotype of Jews

The relationship between collective narcissism and anti-Semitism is likely to be independently driven by stereotypical beliefs about the Jewish out-group. Intergroup threat can be embedded in a negative stereotype of an out-group. The stereotypical beliefs about this group can contain the prediction of its hostile intentions towards the in-group (Stephan & Stephan, 2000; Stephan et al., 2002). Although anti-Semitic beliefs and attitudes in Europe are under-studied, several studies indicate that the Jewish minority is quite universally perceived as a threat to national identity, especially in regions where the Jewish minority was large prior to WWII (Bergmann, 2008). No matter how well assimilated, Jews tend to be perceived as a group that stands “*outside the national order of the world*” remaining “*essentially alien to the surrounding societies*” (Bergmann, 2008; p. 346). In addition, the in-group’s ambivalent position during the Holocaust is experienced as a threat to the national self-image (e.g. Bergmann, 2008). Poland is an example of the ambivalent position towards the Holocaust. There are reported cases of pogroms (a violent mob attack on an ethnic group) of Polish Jews perpetrated by Poles during the WWII and shortly afterwards (e.g. Gross, 2008). At the same time many Polish soldiers (of the Home Army, *Armia Krajowa*) fought in the Warsaw Ghetto Uprising. Poles represent the biggest number of people who rescued Jews during the

Holocaust and were awarded the 'Righteous among the Nations' medal by Israel (YadVashem, 2009).

In addition to being perceived as alien to the national in-group, in Poland and other European countries Jews are stereotypically perceived as a dangerous out-group. They are seen as motivated by a common intention to dominate the world (Bergmann, 2008; Cohen, & Golub, 1991; Kofta & Sędek, 2005). The alleged dominant and controlling intentions are executed by means of indirect and deceptive methods, hidden and non-obvious ways whose negative consequences can only be observed. This makes the Jewish out-group particularly dangerous. According to the conspiracy stereotype, past, present and even future harm and hardship experienced by the in-group can be explained by the veiled actions of the Jewish out-group. The conspiracy stereotype of Jews predicts anti-Semitism in Poland, and support for this stereotype increases in times of elections and intense political campaign. The allegation of Jewish ancestry is used as a means of harming the reputation of politicians running for office (Kofta & Sędek, 2005).

We expect that collective narcissists, sensitive to signs of potential threat to the in-group, will be likely to find the conspiracy stereotype of Jews convincing and threatening. A tendency to uphold this stereotype will mediate the relationship between collective narcissism and anti-Semitic prejudice. The mediation through the beliefs about the out-group will be parallel to and independent of the mediation through the siege beliefs that emphasize the vulnerable position of the in-group. In other words, we expect that collective narcissism will be associated with anti-Semitism either because it is related to perceived vulnerability of an in-group, because it is related to the perception of the out-group as threatening or for both reasons at the same time. This assumption is different than the expectation that collective narcissism is associated with perceived vulnerability of an in-group which leads to a tendency to construe the Jewish out-group as threatening.

Thus, we assume that the dual mediations – via the siege beliefs and via the conspiracy stereotype of Jews - are parallel, i.e. simultaneous and independent, rather than chain, i.e. consecutive and dependent. Even though the siege beliefs about the in-group and the conspiracy beliefs about the out-group may share common components, we assume that each of these variables should have a unique ability to mediate between Polish national narcissism and anti-Semitism above and beyond the other variable. Siege beliefs and the conspiracy beliefs about Jews are stereotypical beliefs that may exist in one's socio-cultural repertoire separately and are two discrete reasons why collective narcissism is likely to be linked to prejudice. One reason pertains to the beliefs about the characteristics of the in-group, whereas the other pertains to attributes of the out-group.

Overview of the studies

In Study 1 we test the prediction that Polish collective narcissism is associated with Polish siege beliefs, the set of convictions indicating that the national in-group is constantly threatened by the hostile intentions of other groups (Bar-Tal & Antebi, 1992a, b). We expect that Polish siege beliefs will mediate the relationship between collective narcissism and anti-Semitism. In Study 2 we test the hypothesis that the relationship between collective narcissism and anti-Semitism is independently mediated by the siege beliefs and the conspiracy stereotype of Jews. In addition, in Study 2 we seek to demonstrate that collective narcissism, rather than the mere strength of national group identification (e.g. Bizman & Yinon, 2001; Branscombe & Wann, 1994), predicts the perception of intergroup threat and out-group negativity.

Study 1

Method

Participants and Procedure

Participants of Study 1 were 148 undergraduate students of a large Polish university. The study was conducted on-line. Participants obtained a research participation credit and the possibility to take part in a prize drawing in return for participation. The age of the participants ranged from 18 to 45 ($M = 23.12$, $SD = 4.89$). There were 135 women and 13 men among the participants.

Measures

Collective narcissism ($\alpha = .77$, $M = 3.26$, $SD = .67$). The 9-item Collective Narcissism Scale (Golec de Zavala et al., 2009) was used. The scale contains 9 items reflecting the belief in the in-group's greatness and lack of proper recognition (e.g. "*If my group had a major say in the world, the world would be a much better place*"; "*I wish other groups would more quickly recognize the authority of my group.*" or "*I do not get upset when people do not notice the achievements of my group*" (reverse coded)). Participants were instructed to think about their national group while responding to the items of the scale. Participants were asked to indicate how much they agree with statements using a 6-point scale (1 = "*I strongly disagree*" and 6 = "*I strongly agree*").

Siege beliefs ($\alpha = .77$, $M = 2.81$, $SD = .76$). The 12-item General Siege Mentality Scale proposed by Bar-Tal & Antebi (1992a) was used to measure this construct. The scale was translated from English to Polish by a bilingual translator. It was then back translated by a bilingual expert in social psychology in order to ensure the equivalence of meaning of items on both scales. The scale contains items reflecting the belief that the in-group is constantly threatened (e.g. "*Most nations will conspire against us, if only they have the possibility to do so.*" and "*There have always been countries which looked for closeness and friendship with us.*" (reverse coded) and has to protect itself in this time of need (e.g. "*Only unity will save us from external enemies.*"). Participants were asked to indicate how much they agree with each statement using a 7-point scale from 1 = "*definitely disagree*" to 7 = "*definitely agree*".

Anti-Semitism ($\alpha = .71$, $M = 2.37$, $SD = 1.02$). In Study 1 we defined anti-Semitic prejudice in terms of social distance, i.e., unwillingness to engage in contact with the Jewish out-group (see e.g., Goff, Steele & Davies, 2008; Struch & Schwartz, 1989; Bogardus, 1925). We used a 4-item scale measuring preferred social distance from Jews: “*Would you like a Jew to be your neighbor?*” (reverse coded), “*Would you like a Jew to be your friend?*” (reverse coded), “*Would you mind your child playing with a Jewish child?*”, and “*Would you mind your child marrying a person of Jewish origin?*”. Participants were asked to respond to these items using a 7-point scale (1 = “*definitely no*” and 7 = “*definitely yes*”).

Results

In the first step of data analysis we compute zero-order correlations among variables. Collective narcissism was significantly positively related to the Polish siege beliefs ($r(147) = .48$, $p = .001$) and anti-Semitism ($r(146) = .20$, $p = .02$). Siege beliefs were significantly correlated with anti-Semitism ($r(147) = .37$, $p = .001$).

In order to test the main hypothesis that siege beliefs mediate the relationship between collective narcissism and anti-Semitism, we used the bootstrapping method recommended by Preacher and Hayes (2004) to obtain bias corrected 95% bootstrap confidence intervals for the indirect effect of the mediator. Bootstrapping does not require assumptions about the shape of the sampling distribution of the indirect effect and is considered to be a suitable method for assessing indirect effects in smaller samples (Preacher and Hayes, 2004; for information on required sample size for detecting effects with the use of different tests of mediation see also Fritz and MacKinnon, 2007).

The mediation model is presented in Figure 1. The total effect of collective narcissism on the tendency to keep one’s distance from Jews was positive and significant, $B = .29$, $SE = .12$, $t = 2.37$, $p = .02$. The direct relationship between collective narcissism and anti-Semitism was reduced and became non-significant after the mediator was added to the model, $B = .04$,

$SE = .13, t = .31, p = .76$. Collective narcissism was positively associated with siege mentality, $B = .54, SE = .08, t = 6.52, p < .001$. Siege mentality was positively associated with anti-Semitism, $B = .47, SE = .12, t = 3.91, p < .001$. The difference between the total and direct effects of collective narcissism on anti-Semitism is the total indirect effect via the siege beliefs. We computed its confidence interval with 10,000 bootstrap samples. The indirect effect had a 95% bootstrap bias corrected confidence interval of .12 to .40, which indicates that the indirect effect of the mediator was significant. The whole mediation model was also significant, $R^2 = .14, F(4,142) = 5.66, p < .001^4$.

Discussion of Study 1

The results of Study 1 corroborate previous findings indicating the positive relationship between collective narcissism and anti-Semitism (see Golec de Zavala et al., 2009; Golec de Zavala et al., 2010). The present results extend the previous findings revealing that this relationship is mediated by siege beliefs, which portray the national in-group as constantly threatened by the hostile intentions of other groups. Thus, collective narcissism is linked to the perception of the in-group as exposed and vulnerable in the context of intergroup relationships. This association is responsible for the relationship between collective narcissism and prejudice against Jews: the out-group stereotypically perceived as threatening.

In Study 2 we test the assumption that the stereotypical belief that the Jewish out-group is particularly threatening and hostile mediates the relationship between collective narcissism and anti-Semitism, over and above the mediation through the siege beliefs. We expect that a belief that the in-group is particularly threatened and a belief that the out-group is especially threatening will mediate the relationship between collective narcissism and prejudice independently. Nevertheless, we test the parallel against the chain multiple mediation hypothesis.

In Study 2 we use more direct indicators of anti-Semitism in order to conceptually replicate the results of Study 1, namely negative emotions and hostile behavioral intentions towards Jews. In Study 2 we also compare the role of collective narcissism and the strength of in-group identification as predictors of perceived intergroup threat and anti-Semitism.

Study 2

Method

Participants and procedure

Study 2 was conducted among 89 undergraduate students of a large Polish university. Participants were asked to take part in an on-line survey in return for research participation credit. The age of the participants ranged from 17 to 24 ($M = 21.17$, $SD = 1.51$). There were 63 women and 26 men among the participants.

Measures

Collective narcissism ($\alpha = .84$, $M = 3.51$, $SD = .78$). The Collective Narcissism Scale (Golec de Zavala et al., 2009) was used in order to measure this variable as in Study 1.

Group identification ($M = 5.38$, $SD = 1.70$). The overlap in-group identification measure proposed by Tropp & Wright (2001) was used. Participants were asked to indicate the degree of identification with the national in-group as represented by two overlapping circles, one representing the self and the other representing national in-group. The circles formed an 8-point scale from a set of two separate circles (1 – “no identification at all”) to full overlap (8 – “total identification”).

Siege Beliefs ($\alpha = .77$, $M = 3.30$, $SD = .87$). The same Polish translation of the General Siege Mentality Scale (Bar-Tal & Antebi, 1992a) was used as in Study 1.

Conspiracy Jewish stereotype ($\alpha = .90$, $M = 5.41$, $SD = 1.99$). This variable was measured with a 6-item Jewish Conspiracy Stereotype Scale proposed by Kofta and Sędek (2005). The scale measures the belief that secret and deceptive actions of the Jewish out-

group are aimed at taking control over the world. The Jewish out-group is seen as an entity driven by one common motivation to dominate others. The conspiracy stereotype is considered a central characteristic of anti-Semitism in Poland (Kofta & Sędek, 2005). The items of the scale reflected the belief that Jews strive for power (e.g. “*Members of this group strive to rule the world*”) and that their actions are secretive and well coordinated (e.g. “*Members of this group meet secretly to discuss important issues*” or “*Members of this group reach their goals through secret agreements*”). Participants were asked to indicate how much they agree with each statement using a 9-point scale from 1 = “*definitely disagree*” to 9 = “*definitely agree*”.

Negative evaluation of Jews ($\alpha = .95$, $M = 3.57$, $SD = 1.41$). This variable was measured following the procedure proposed by Wright, Aron, McLaughlin-Volpe, & Ropp (1997; see also Butz, Plant, & Doerr, 2007). Participants were asked to indicate their feelings towards Jews using six semantic differentials: *cold - warm*, *unfriendly - friendly*, *trustful - distrustful*, *positive - negative*, *respect - contempt*, *admiration - disgust*. Scores could range from 1 to 8. Higher scores indicated greater out-group negativity.

Hostility towards Jews ($\alpha = .92$, $M = 1.45$, $SD = .99$). Aggressive behavioral intentions against Jews were measured by four items adopted from Struch and Schwartz (1989). Hypothetical aggressive acts towards Jews were listed, e.g. refusing to hire Jews because of their origins, convincing friends not to rent apartments to Jews, listening to noisy music in order to irritate a Jewish neighbor. Participants were asked to indicate how much they agree with each action and would perform it themselves, using a scale from 1 = “*definitely reject it*” to 5 = “*agree with the action and would perform it myself in certain conditions*”.

The negative evaluation of and hostility toward Jews were positively correlated ($r = .38$, $p < .001$). We created a composite score of anti-Semitism that encompassed the two direct indicators of anti-Semitism. Because the two components of the composite score were

measured on different scales, responses were first transformed into z scores before the composite indicator of anti-Semitism was computed.

Results

Correlational analyses presented in Table 1 indicate that collective narcissism is positively related to siege mentality, the conspiracy stereotype of Jews, and anti-Semitism. National in-group identification is related to siege beliefs but not to the conspiracy stereotype or to prejudice against Jews. In order to adjust for the common variance between collective narcissism and in-group identification, we regressed collective narcissism and group identification on siege mentality (adjusting for age and gender). Collective narcissism was positively and significantly associated with siege mentality, $B = .73$, $SE = .11$, $t = 6.83$, $p < .001$, whereas the relationship between in-group identification and perceived threat from hostile intentions of others was reduced and became non-significant, $B = -.04$, $SE = .05$, $t = -.078$, $p = .44$; for the whole model $R^2 = .40$, $F(4,83) = 14.04$, $p < .001$. Once the common variance of the strength of in-group identification and collective narcissism is controlled, collective narcissism emerges as the unique predictor of the siege beliefs.

-----Insert Table 1 about here-----

In order to test the hypothesis that siege beliefs and the Jewish conspiracy stereotype independently mediate the relationship between collective narcissism and anti-Semitism, we used the bootstrapping method suggested by Preacher and Hayes (2008). This approach allows us to assess the extent to which each of these variables mediates the effect of collective narcissism on anti-Semitism, conditional on the presence of the other variable in the model. Since siege beliefs and the conspiracy stereotype were positively correlated, analyzing them simultaneously in a multiple mediator model teased apart their individual mediating ‘power’ that could be attributed to their content overlap (Preacher & Hayes, 2008).

To assess the independent indirect effects of collective narcissism on anti-Semitism via the siege beliefs and the conspiracy stereotype of Jews, we used bootstrapping to obtain the bias corrected 95 % confidence intervals for the total indirect effect and the specific indirect effects of each mediator analyzed simultaneously. The analyses adjusted for age and gender.³ The coefficients of the model are presented in Figure 2 and the bootstrapping confidence intervals are presented in Table 2.

-----Insert Figure 2 and Table 2 about here-----

The total effect of collective narcissism on anti-Semitism is $B = .23$, $SE = .11$, $t = 1.99$, $p = .05$, while its direct effect is $B = -.21$, $SE = .14$, $t = -1.53$, $p = .13$. The difference between the total and direct effects is the total indirect effect via the two mediators. It had a 95% bootstrap confidence interval of .25 to .69, i.e. the total indirect effect of both mediators is significant.

The path from collective narcissism to siege mentality had a coefficient of $B = .69$, $SE = .10$, $t = 7.28$, $p < .001$ and the path from collective narcissism to conspiracy stereotype had a coefficient of $B = 1.18$, $SE = .23$, $t = 5.11$, $p < .001$. The direct effects of mediators on anti-Semitism were also significant: $B = .27$, $SE = .12$, $t = 2.34$, $p = .02$ for siege mentality and $B = .21$, $SE = .05$, $t = 4.33$, $p < .001$ for conspiracy stereotype. The predictors included in the full model accounted for a significant portion of variance in anti-Semitism, $R^2 = .30$, $F(5, 81) = 7.04$, $p < .001$.

An examination of the specific indirect effects indicated that both siege beliefs and the conspiracy stereotype of Jews were statistically significant and independent mediators of the effect of collective narcissism on anti-Semitism. The specific indirect effect via the siege beliefs had a confidence interval of .05 to .40 and the specific indirect effect via the conspiracy stereotype had a confidence interval of .13 to .41. In order to establish whether the effects of mediators differ significantly in magnitude we conducted a pairwise contrast of the

two indirect effects. Since the siege mentality minus conspiracy stereotype contrast had a confidence interval of -.18 to .26, we cannot infer that the two effects differed in magnitude.

Since siege mentality and the conspiracy stereotype of Jews were positively correlated, it is also plausible that they influenced each other in driving anti-Semitic sentiments. For example, one could argue that collective narcissism is related to siege mentality, which in turn leads to conspiracy stereotyping and, thus, to hostility towards Jews. To verify this possibility we tested the multiple-step multiple mediator model proposed by Hayes, Preacher & Myers (2010). We used the MODTHREE macro for SPSS that allows for a simultaneous test of specific indirect effects of each mediator alone and a specific indirect effect through both mediators. In the first analysis we tested the collective narcissism → the siege beliefs → conspiracy stereotyping → anti-Semitism multi-step mediation. While the specific indirect effects of siege mentality and the conspiracy stereotype remained significant, the indirect effect of both mediators became insignificant (95% bootstrap confidence intervals ranged from -.01 to .16). Similar results were obtained when we tested a model with collective narcissism → conspiracy stereotyping → siege beliefs → anti-Semitism multi-step mediation. Both indirect effects of single mediators were significant and the indirect effect of the two mediators was not significant (its 95% bootstrap confidence intervals ranged from -.01 to .05). These analyses provide further support for our hypothesis that the siege mentality and conspiracy stereotype are two independent links between narcissistic attachment to the Polish national group and anti-Semitism.

Discussion of Study 2

The results of Study 2 replicate the findings of Study 1. In addition, they confirm the hypothesis that siege beliefs and the belief that Jews secretly conspire to achieve economic and political power and dominate the world independently mediate the relationship between Polish collective narcissism and anti-Semitism. Collective narcissism is associated with a

tendency to perceive the in-group as threatened and the out-group as particularly threatening. However, only one set of beliefs is needed to link collective narcissism with anti-Semitism: that in-group is vulnerable or that out-group is threatening.

The strength of in-group identification is not related to prejudice against Jews. It is related to the Polish siege beliefs but this relationship is driven by the overlap between the strength of in-group identification and collective narcissism. Once the narcissistic aspect of positive in-group identification is teased out, the relationship between the strength of in-group identification and siege beliefs disappears. These results support our claim that it is not the strength of in-group identification in general, but rather the individual level of specific, narcissistic in-group identification that is related to the perception of intergroup threat. Consequently, it is not the strength of in-group identification but collective narcissism that is related to out-group negativity.

General Discussion

According to social identity theory (e.g., Tajfel & Turner, 1986), a tendency to derogate out-groups intensifies under perceived threat to the social identity and increased salience of group membership. An intergroup threat may be realistic and concern group interests (e.g. Brown, Maras, Masser, Vivian, & Hewstone, 2001) or symbolic and concern differences in worldviews, values and beliefs (e.g. Esses, Dovidio, Jackson, & Armstrong, 2001; Greenberg et al., 1990; McGregor et al., 1998; McLaren, 2003; Pyszczynski et al., 2006; Sears, 1988). It can result from out-group aggression, embarrassing rejection, unjustified discrimination (Britt, Boniecki, Vescio, Biernat & Brown, 1996; Stephan & Stephan, 1985; Corenblum & Stephan, 2001) or uncertainty and awkwardness in the presence of out-group members (e.g., Islam & Hewstone, 1993; Stephan & Stephan, 2000). Importantly, intergroup threat can be also embedded in a negative stereotype of an out-group that attributes

threatening features and intentions to the group and its members (Stephan & Stephan, 2000; Stephan et al., 2002).

It has been suggested that the strength of in-group identification is one of the important antecedents of perceived intergroup threat. The more people identify with their group, the more they are chronically aware of their group membership (Branscombe & Wann, 1994; Tausch, Hewstone, Kenworthy, Cairns, & Christ, 2007) and the more sensitive they are to anything that can harm the in-group (e.g., Corenblum & Stephan, 2001). In addition, high identifiers are more likely to see the threats to the in-group as personally threatening (Bizman & Yinon, 2001). However, the meta-analytic review indicates that the relationship between the strength of positive in-group identification and perceived intergroup threat, although statistically significant, is inconsistent and on average rather weak (Riek et al., 2006). Moreover, the relationship between positive group identification and prejudice is not consistent and across numerous studies averages close to zero (e.g., Hinkle & Brown, 1990; see also Jackson, Brown, Brown, & Marks, 2001; Pehrson et al., 2009).

We propose that it may be not the strength of in-group identification that reliably predicts the perception of intergroup threat and prejudice, but rather its specific, narcissistic form. The results of two studies presented here confirm that people who narcissistically identify with their national in-group perceive more intergroup threat, stereotype a stigmatized out-group as particularly threatening and report more prejudice. Results of Study 1 show that Polish collective narcissism is related to the beliefs pertaining that the national group is threatened by aggressive intentions of other groups and stands along against the hostile world. This relationship mediates the link between collective narcissism and anti-Semitism. Results of Study 2 replicate these findings. In addition, they indicate that the relationship between collective narcissism and anti-Semitism is also, independently, mediated by the stereotypical perception of Jews as a particularly threatening out-group that conspires to dominate and rule

the world. The perceptions of the in-group as vulnerable to intergroup threat and the out-group as threatening each have a unique potential to drive the relationship between collective narcissism and anti-Semitic prejudice.

The present results complement earlier findings that collective narcissism predicts retaliatory hostility in response to the threat from out-group aggressiveness, out-group rejection of the in-group or out-group criticism of the in-group (Golec de Zavala et al., 2009; Golec de Zavala & Cichocka, 2010). The present results go beyond the earlier findings by revealing an intriguing novel aspect of the relationship between collective narcissism and out-group negativity. They indicate that collective narcissism predicts not only retaliatory hostility in response to momentary intergroup threat but also enduring prejudice towards an out-group stereotyped as threatening.

The present results confirm also suggestions that anti-Semitism is related to threat and narcissistic national pride (e.g. Bergmann, 2008; Krzemiński, 2004). They indicate that anti-Semitism is grounded in insecure and narcissistic beliefs in national superiority and fuel the sense of the in-group's vulnerability in an intergroup context. They are also related to susceptibility to the belief in the hostile intentions of the Jewish out-group. We suggest that a similar mechanism may underlie the relationship between collective narcissism and prejudice against other threatening out-groups. Majority of out-groups with whom the in-group shares competitive or conflictual relations are likely to be perceived as threatening. In such relations the opportunities to injure the collective pride are plenty. Collective narcissists neither forget nor forgive wrongs done to the in-group by out-groups (Golec de Zavala et al., 2009). Thus, they are likely to see the out-groups that in the past transgressed against them as potential threats, even if the transgression was mostly in 'the eye of the beholder'. Thus, the more frequent and less unequivocally positive the intergroup relations with a given group, the greater the chance that this group will be the target of prejudice. Examination of the

generalizability of the present mediation model beyond anti-Semitic prejudice would be an important direction for further research. It is noteworthy that the previous and present results indicate that collective narcissism is not universally associated with prejudice. Instead, collective narcissism seems to describe a combination of group-based feelings that can fuel hostility in certain intergroup situations and in response to certain out-groups.

We propose that the relationship between collective narcissism and the sensitivity to intergroup threat can be explained by the nature of narcissistic in-group evaluation. Collective narcissism is related to high regard for the in-group contingent on external recognition and accompanied by internal doubts. Collective narcissists are easily convinced that the image of their in-group is undermined. Intergroup hostility in response to the perceived threat serve as means of protecting the in-group's image and maintaining the in-group's positive esteem (see Golec de Zavala et al, 2009). Our results reveal that collective narcissism is a better predictor of the perception of intergroup threat embedded in stereotype and prejudice than the mere strength of identification with the in-group. The positive relationship between the strength of in-group identification and perceived intergroup threat was reduced and became non-significant after collective narcissism was taken into account.

Limitations

The present studies provide support for the hypotheses derived from the concept of collective narcissism. However, they have several shortcomings that should be considered. First, in both samples, there are a disproportionate numbers of women among the participants. However, in all analyses we adjusted for and found no significant effect of gender. In addition, we do not have any theoretical reason to assume that men and women differ with respect to their individual levels of collective narcissism. Secondly, the present findings are based on university student samples, which may not be representative of the population as a whole (Sears, 1986). Future studies should extend the investigation of collective narcissism and its

correlates and effects to different populations. However, it is worth noting that we found remarkably consistent patterns of relationships across both presented studies.

In addition, although the present studies provide support for the mediational hypotheses derived from the concept of collective narcissism, they are based on correlational data and do not allow for unequivocal conclusions about causality and order of the variables. In the present paper, we provide sound theoretical reasons to justify our assumption that collective narcissism is related to siege beliefs and the conspiracy stereotype of Jews and through these beliefs to anti-Semitism. In addition, most research in the social sciences confirm the direction of causality assumed in the proposed model. It suggests that broader ideological orientations and basic in-group identification constrain specific attitudes and beliefs, such as the siege belief or the conspiracy stereotype of Jews, and out-group hostility (rather than vice versa; see e.g. Cohrs, Moschner, Maes, & Kielmann, 2005; Duckitt, 2006; Duckitt & Sibley, 2006; Feshbach, 1994; de Figueiredo & Elkins, 2003; Sidanius, Feshbach, Levin & Pratto, 1997). However, further experimental studies are needed in order to examine the role of collective narcissism in eliciting increased sensitivity to intergroup threat and prejudice. Such studies will deepen our understanding of individual difference variables and situational conditions, increasing the likelihood of out-group negativity and intergroup hostility.

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References

- Altemeyer, B. (1998). The other "authoritarian personality." *Advances in Experimental Social Psychology, 30*, 47-92.
- Bar-Tal, D. (1996). Development of social categories and stereotypes in early childhood: The case of 'the Arab' concept formation, stereotype and attitudes by Jewish children in Israel. *International Journal of Intercultural Relations, 20*, 341–370.
- Bar-Tal, D. (2000). *Shared beliefs in a society: Social psychological analysis*. Thousand Oaks, CA: Sage.
- Bar-Tal, D., & Antebi, D. (1992a). Siege mentality in Israel. *International Journal of Intercultural Relations, 16*, 251-275.
- Bar-Tal, D., & Antebi, D. (1992b). Beliefs about negative intentions of the world: A study of the Israeli siege mentality. *Political Psychology, 13*, 633-645.
- Bilewicz, M. (2007). History as an obstacle: Impact of temporal-based social categorizations on Polish-Jewish intergroup contact. *Group Processes & Intergroup Relations, 10*, 551-563.

- Baumeister, R. F., & Vohs, K. D. (2001). Narcissism as addiction to esteem. *Psychological Inquiry, 12*, 206-209.
- Bergmann, W. (2008). Anti-Semitic attitudes in Europe: A comparative perspective. *Journal of Social Issues, 64*, 343-362.
- Bizman, A., & Yinon, Y. (2001). Intergroup and interpersonal threats as determinants of prejudice: The moderating role of in-group identification. *Basic and Applied Social Psychology, 23*, 191-196.
- Bogardus, E.S. (1925). Measuring social distances. *Journal of Applied Sociology, 9*, 299-308.
- Bosson, J. K., Lakey, C. E., Campbell, W. K., Zeigler-Hill, V., Jordan, C. H., & Kernis, M. H. (2008). Untangling the links between narcissism and self-esteem: A theoretical and empirical review. *Social and Personality Psychology Compass 2/3*, 1415–1439.
- Branscombe, N. R., & Wann, D. L. (1994). Collective self-esteem consequences of outgroup derogation when a valued social identity is on trial. *European Journal of Social Psychology, 24*, 641—657.
- Brewer, M. B. (1999). The psychology of prejudice: Ingroup love or outgroup hate? *Journal of Social Issues, 55*, 429-444.
- Britt, T.W., Boniecki, K.A., Vescio, T.K., Biernat, M., & Brown, L.M. (1996). Intergroup anxiety: A person \times situation approach. *Personality and Social Psychology Bulletin, 22*, 1177-1188.
- Bushman, B. J., & Baumeister, R. (1998). Threatened egotism, narcissism, self-esteem, and direct and displaced aggression: Does self-love or self-hate lead to violence? *Journal of Personality and Social Psychology, 75*, 219–229.

- Butz, D., Plant, E., & Doerr, C. (2007). Liberty and justice for all? Implications of exposure to the US flag for intergroup relations. *Personality and Social Psychology Bulletin*, *33*, 396-408.
- Cichocka, A. & Golec de Zavala, A. (2010, April). *Collective narcissism as an obstacle in dealing with intergroup past*. Paper presented at the Inaugural CResPP Conference "Tearing Down the Walls: Rethinking the Political in Political Psychology", Belfast, UK.
- Corenblum, B., & Stephan, W. G. (2001). White fears and Native apprehensions: An integrated threat theory approach to intergroup attitudes. *Canadian Journal of Behavioral Science*, *33*, 251-268.
- Cohen, R., & Golub, J. L. (1991). *Attitudes toward Jews in Poland, Hungary, and Czechoslovakia. A comparative survey*. New York: American Jewish Committee.
- Cohrs, J. C., Moschner, B., Maes, J., & Kielmann, S. (2005). Personal values and attitudes toward war. *Peace and Conflict: Journal of Peace Psychology*, *11*, 293-312.
- Crocker, J., & Park, L. E. (2004). The costly pursuit of self-esteem. *Psychological Bulletin*, *130*, 392-414.
- de Figueiredo, R. J. P., & Elkins, Z. (2003). Are patriots bigots? An inquiry into the vices of ingroup pride. *American Journal of Political Science*, *47*, 171-188.
- Duckitt, J. (2006). Differential effects of right wing authoritarianism and social dominance orientation on out-group attitudes and their mediation by threat from competitiveness to out-groups. *Personality and Social Psychology Bulletin*, *32*, 684-696.

- Duckitt, J., & Sibley, C. (2006). Right wing authoritarianism, social dominance orientation, and the dimensions of generalized prejudice. *European Journal of Personality, 20*, 1-18.
- Ellemers, N., Spears, R., & Doosje, B. (2002). Self and social identity. *Annual Review of Psychology, 53*, 161-186.
- Emmons, R. A. (1987). Narcissism: Theory and measurement. *Journal of Personality and Social Psychology, 52*, 11-17.
- Esses, V.M., Dovidio, J.F., Jackson, L.M., & Armstrong, T.L. (2001). The immigration dilemma: The role of perceived group competition, ethnic prejudice, and national identity. *Journal of Social Issues, 57*, 389-412.
- Feshbach, S. (1994). Nationalism, patriotism, and aggression: A clarification of functional differences. In L. Huesmann (Ed.) *Aggressive Behavior: Current Perspectives* (pp. 275-291). New York: Putnam.
- Fritz, M. S., & Mackinnon, D. P. (2007). Required sample size to detect the mediated effect. *Psychological Science, 18*, 233-239.
- Goff, P. A., Steele, C. M., & Davies, P. G. (2008). The space between us: Stereotype threat and distance in interracial contexts. *Journal of Personality and Social Psychology, 94*, 91-107.
- Golec de Zavala, A. (2007). *Collective narcissism and its social consequences*. Paper presented at the ISPP 30th Annual Scientific Meeting, Portland, USA.
- Golec de Zavala, A., Cichocka, A., & Bilewicz, M. (2010, July). *National narcissism, positive national group regard and out-group enmity: How low and high collective self esteem predict intergroup negativity*. Paper presented at the Annual Meeting of International Society of Political Psychology, San Francisco, USA.

- Golec de Zavala, A., Cichocka, A., Eidelson, R., & Jayawickreme, N. (2009). Collective narcissism and its social consequences. *Journal of Personality and Social Psychology, 97*, 1074 -1096.
- Golec de Zavala, A., & Cichocka, A. (2010). *Collective narcissism increases intergroup hostility in response to threat to the group's positive image*. Manuscript submitted for publication.
- Golec, A., & Federico, C. M. (2004). Understanding responses to political conflict: Interactive effects of the need for closure and salient conflict schemas. *Journal of Personality and Social Psychology, 87*, 750–762.
- Greenberg, J., Pyszczynski, T., Solomon, S., Rosenblatt, A., Veeder, M., Kirkland, S., et al. (1990). Evidence for terror management II: The effects of mortality salience on reactions to those who threaten or bolster the cultural worldview. *Journal of Personality and Social Psychology, 58*, 308-318.
- Gross, J. T. (2008). *Fear: Anti-Semitism in Poland after Auschwitz. An essay in historical interpretation*. New York: Random House.
- Hayes, A. (2009). Beyond Baron and Kenny: Statistical mediation analysis in the New Millennium. *Communication Monographs, 76*, 408-420.
- Hayes, A. F., Preacher, K. J., & Myers, T. A. (2010). Mediation and the estimation of indirect effects in political communication research. In E. P. Bucy & R. L. Holbert (Eds), *Sourcebook for Political Communication Research: Methods, measures and analytical techniques*. New York: Routledge.
- Imhoff, R., Erb, H-P., & Wohl, M. (2010). *Just a matter of history? The Impact of Ongoing Consequences of the Past on Collective Guilt*. Manuscript in preparation.

- Islam, M., & Hewstone, M. (1993). Intergroup attributions and affective consequences in majority and minority groups. *Journal of Personality and Social Psychology, 64*, 936-950.
- Jordan, C.H., Spencer, S. J., Zanna, M. P., Hoshino-Browne, E., & Correll, J. (2003). Secure and defensive self-esteem. *Journal of Personality and Social Psychology, 85*, 969-978.
- Jost, J. T., Glaser, J., Kruglanski, A. W., & Sulloway, F. (2003). Political conservatism as motivated social cognition. *Psychological Bulletin, 129*, 339-375.
- Kernis, M. H. (2003). Toward a conceptualization of optimal self-esteem. *Psychological Inquiry, 14*, 1-26.
- Kernis, M. H., Abend, T., Shrira, I., Goldman, B. M., Paradise, A., & Hampton, C. (2005). Self-serving responses as a function of discrepancies between implicit and explicit self-esteem. *Self and Identity, 4*, 311 – 330.
- Kofta, M., & Sędek, G. (2005). Conspiracy stereotypes of Jews during systemic transformation in Poland. *International Journal of Sociology, 35*, 40–64.
- Kosterman, R., & Feshbach, S. (1989). Toward a measure of patriotic and nationalistic attitudes. *Political Psychology, 10*, 257-274.
- Kruglanski, A.W., Bar-Tal, D., & Klar, Y. (1993). A social cognitive theory of conflict. In K.S. Larsen (Ed.). *Conflict and social psychology* (pp. 45-56). London: Sage.
- Kruglanski, A. W., & Webster, D. M. (1996). Motivated closing of mind: Seizing and freezing. *Psychological Review, 103*, 263–283.
- Krzemiński, I. (Ed.). (2004). *Antysemityzm w Polsce i na Ukrainie. Raport z badań.* [Anti-Semitism in Poland and Ukraine. A research report.] Cracow, Poland: Scholar.

- Lyons, P.A., Kenworthy, J.B., & Popan, J. R. (2010). Ingroup identification and group-level narcissism as predictors of U.S. citizens' attitudes and behavior toward Arab immigrants. *Personality and Social Psychology Bulletin*, *36*, 1267-1280
- McGregor, H., Lieberman, J. D, Solomon, S., Greenberg, J., Arndt, J., Simon, L., et al. (1998). Terror management and aggression: Evidence that mortality salience motivates aggression against worldview threatening others. *Journal of Personality and Social Psychology*, *74*, 590-605.
- McLaren, L. M. (2003). Anti-immigrant prejudice in Europe: Contact, threat perception, and preferences for the exclusion of migrants. *Social Forces*, *81*, 909-936.
- Morf, C. C., & Rhodewalt, F. (2001). Unravelling the paradoxes of narcissism: A dynamic self-regulatory processing model. *Psychological Inquiry*, *12*, 177–196.
- Pratto, F., Sidanius, J., Stallworth, L. M., & Malle, B. F. (1994). Social dominance orientation: A personality variable predicting social and political attitudes. *Journal of Personality and Social Psychology*, *67*, 741–763.
- Preacher, K. J., & Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. *Behavior Research Methods, Instruments, and Computers*, *36*, 717-731.
- Preacher, K. J., & Hayes, A. F. (2008). Asymptotic and resampling strategies for assessing and comparing indirect effects in simple and multiple mediator models. *Behavior Research Methods*, *40*, 879 – 891.
- Raskin, R., & Terry, H. (1988). A principal-component analysis of the Narcissistic Personality Inventory and further evidence of its construct validity. *Journal of Personality and Social Psychology*, *54*, 890–902.

- Reynolds, K. J., Turner, J. C., Haslam, S. A., Ryan, M. K., Bizumic, B., & Subasic, E. (2007). Does personality explain in-group identification and discrimination? Evidence from the minimal group paradigm. *British Journal of Social Psychology, 46*, 517-539.
- Riek, B.M., Mania, E.W., & Gaertner, S.L. (2006). Intergroup threat and outgroup attitudes: A meta-analytic review. *Personality and Social Psychology Review, 10*, 336–353.
- Roccas, S., Klar, Y., & Liviatan, I. (2006). The paradox of group-based guilt: Modes of national identification, conflict vehemence, and reactions to the in-group's moral violations. *Journal of Personality and Social Psychology, 91*, 698–711.
- Schatz, R., & Staub, E. (1997). Manifestations of blind and constructive patriotism: Personality correlates and individual-group relations. In Bar-Tal, D., Staub, E. (Eds). *Patriotism: in the lives of individuals and nations*, (pp. 229-246). Chicago: Nelson-Hall.
- Sears, D. O. (1986). College sophomores in the laboratory: Influences of a narrow data base on psychology's view of human nature. *Journal of Personality and Social Psychology, 51*, 515-530.
- Sears, D. O. (1988). Symbolic racism. In P. A. Katz & D. A. Taylor (Eds.). *Eliminating Racism: Profiles in Controversy* (pp. 53-84). New York: Plenum Press.
- Sidanius, J., Feshbach, S., Levin, S. & Pratto, F. (1997). The interface between ethnic and national attachment: Ethnic pluralism or ethnic dominance? *Public Opinion Quarterly, 61*, 103-133.
- Sidanius, J., & Pratto, F. (1999). *Social dominance*. New York: Cambridge University Press.

- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. In S. Leinhardt (Ed.), *Sociological Methodology* (pp. 290-312). Washington DC: American Sociological Association.
- Stephan, W. G., Boniecki, K. A., Ybarra, O., Bettencourt, A., Ervin, K. S., Jackson, L. A., et al. (2002). Racial attitudes of Blacks and Whites: An integrated threat theory analysis. *Personality and Social Psychology Bulletin*, 28, 1242-1254.
- Stephan, W. G & Stephan, C. (1985). Intergroup anxiety. *Journal of Social Issues*, 41, 157-176.
- Stephan, W. G., & Stephan, C. W. (2000). An integrated threat theory of prejudice. In S. Oskamp (Ed.), *Reducing prejudice and discrimination* (pp. 23-46). Hillsdale, NJ: Erlbaum.
- Struch, N., & Schwartz, S.H. (1989). Intergroup aggression: Its predictors and distinctness from in-group bias. *Journal of Personality and Social Psychology*, 56, 364-373.
- Tajfel, H. & Turner, J. C. (1986). The social identity theory of intergroup behavior. In S. Worchel & L. W. Austin (Eds.). *Psychology of Intergroup Relations*. Chicago: Nelson-Hall.
- Tausch, N., Hewstone, M., Kenworthy, J. B., Cairns, E., & Christ, O. (2007). Cross-community contact, perceived status differences and intergroup attitudes in Northern Ireland: The mediating roles of individual-level vs. group-level threats and the moderating role of social identification. *Political Psychology*, 28, 53-68.
- Tropp, L. R. , & Wright, S. C. (2001). Ingroup identification as the inclusion of ingroup in the self. *Personality and Social Psychology Bulletin*, 27, 585-600.

Wright, S., Aron, A., McLaughlin-Volpe, T., & Ropp, S.A. (1997). The extended contact effect: Knowledge of crossgroup friendships and prejudice. *Journal of Personality and Social Psychology*, 73, 73 - 90.

Wójcik, A. (2008). Historia stosunków polsko-żydowskich w oczach polskiej młodzieży. [History of Polish-Jewish relationships in the eyes of Polish youth]. In J. Żyndul (Ed.), *Różni razem. [Different together]*. (pp. 256-265). Warsaw: Wydawnictwa Uniwersytetu Warszawskiego.

Yad Vashem (2009). The Holocaust Martyrs' and Heroes' Remembrance Authority.

Downloaded on 11 September 2009 from

http://www1.yadvashem.org/righteous_new/statistics.html

Zeigler-Hill, V. (2006). Discrepancies between implicit and explicit self-esteem:

Implications for narcissism and self-esteem instability. *Journal of Personality*, 74, 119–143.

Footnotes

¹ Collective and individual narcissism are positively associated, although this relationship is rather weak. Importantly, collective narcissism is related to intergroup hostility, whereas individual narcissism is associated with interpersonal aggressiveness, especially in the context of ego threat (Golec de Zavala & Cichocka, 2009a; see also Golec de Zavala et al., 2009; for results on individual narcissism see Bushman & Baumeister, 1998).

² Collective narcissism is also distinct from social dominance orientation (Pratto, Sidanius, Stallworth & Malle, 1994; Sidanius & Pratto, 1999) or authoritarianism (e.g. Altemeyer, 1998) and independently predicts out-group negativity. We discuss these differences in more detail in a separate paper (Golec de Zavala et al., 2009). Summing up, collective narcissism and social dominance orientation overlap in preoccupation with the in-group's greatness. However, for collective narcissists, any excuse, not only power, social status, or economic dominance, is sufficient to support the belief in the uniqueness and greatness of the in-group. Collective narcissism is not related to opposition to equality, an important aspect of the social dominance orientation. Collective narcissism and authoritarianism are related because of concern with the coherence and homogeneity of the in-group. For authoritarians, cohesiveness secures a predictable social environment and reduced cognitive uncertainty (e.g. Duckitt, 2006; Jost, Glaser, Kruglanski & Sulloway, 2003; Kruglanski & Webster, 1996). For collective narcissists, it confirms the assumed, unanimously accepted greatness of the in-group. Authoritarians aggress against others to protect the group as a predictable social environment. Collective narcissists aggress to protect the in-group's positive image.

³ For example, our data indicate that only collective narcissism, but not blind patriotism or high national in-group identification, is predicted by the interaction of high private (positive opinion about one's national group) and low public (a belief that others do not hold a positive

opinion about one's national group) collective self-esteem measured with reference to one's national group (Golec de Zavala, 2007; Golec de Zavala et al., 2009).

⁴ Although considered the most appropriate method of assessment of indirect effects (Hayes, 2009; Preacher & Hayes, 2004; Preacher & Hayes, 2008), bootstrapping is also a relatively new approach. Thus, we performed the mediation analysis also using a more familiar (although less accurate) Sobel (1982) test to provide an alternative test of the significance of the indirect effect of collective narcissism on anti-Semitism via siege beliefs. The Sobel test indicated that collective narcissism had a significant indirect effect on anti-Semitism via the siege beliefs ($z = 3.30; p < .001$).

⁶ The Sobel test (1982) confirmed that collective narcissism had significant indirect effects on anti-Semitism both via siege mentality ($z = 2.14, p = .03$) and via the conspiracy stereotype of Jews ($z = 3.25, p = .001$).

⁵ Analysis controlling for group identification was also conducted. The pattern of results remained the same.

Table 1

Correlations of collective narcissism, group identification, siege beliefs, the conspiracy stereotype and anti-Semitism (Study 2; N = 89)

Measures	1	2	3	4
1. Collective narcissism	--			
2. Group identification	.47***	--		
3. Conspiracy stereotype	.43**	.12	--	
4. Siege beliefs	.62***	.24*	.41**	--
5. Anti-Semitism	.21*	-.05	.51***	.36**

* $p < .05$. ** $p < .01$. *** $p < .001$.

Table 2

Mediation of the effect of collective narcissism on anti-Semitism through siege mentality and the conspiracy stereotype (Study 2; N = 89)

Variable	Bootstrapped 95% BC Confidence Intervals	
	Lower	Upper
Indirect effects		
Siege beliefs	.06	.54
Conspiracy stereotype	.04	.39
TOTAL	.16	.79
Contrast		
Siege beliefs vs. conspiracy stereotype	-.38	.16

Note. BC=bias corrected, 10, 000 bootstrap samples.

Figure Captions

Figure 1. Indirect effect of collective narcissism on anti-Semitism via siege beliefs (Study 1; $N = 149$).

* $p < .05$. ** $p < .01$. *** $p < .001$.

Figure 2. Indirect effects of collective narcissism on anti-Semitism via siege beliefs and the conspiracy stereotype (Study 2; $N = 89$).

* $p < .05$. ** $p < .01$. *** $p < .001$.

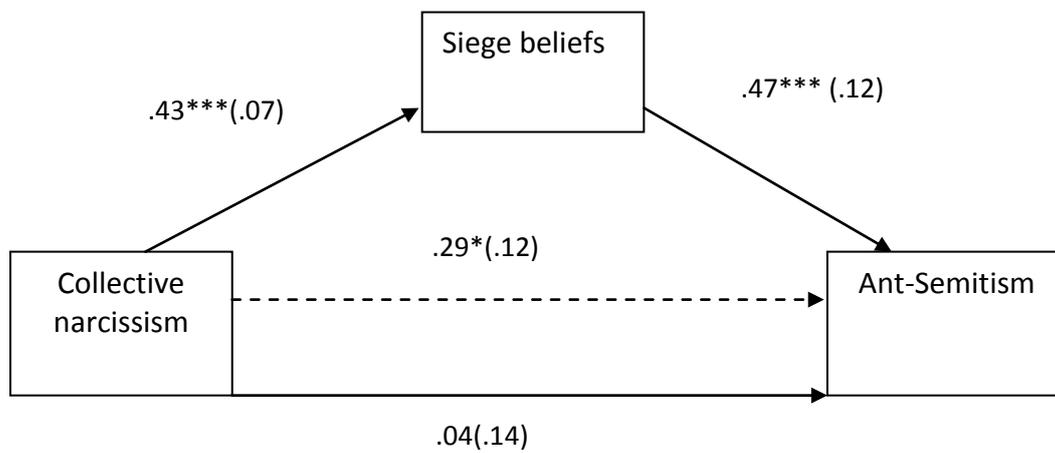


Figure 1

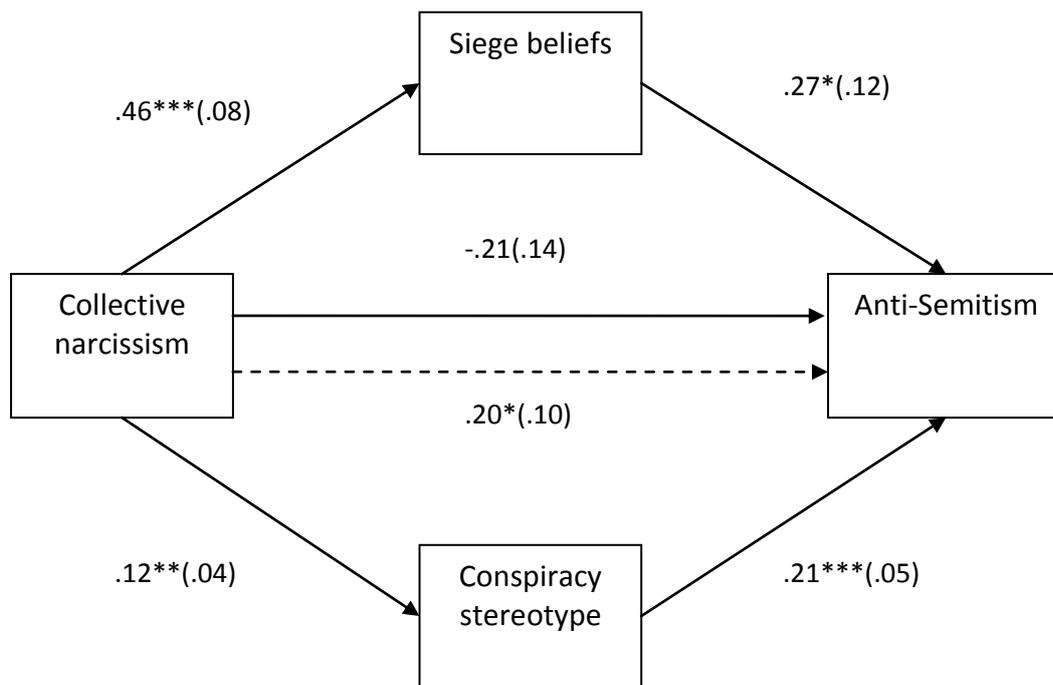


Figure 2